

DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

CONFIDENTIAL
SUBMIT IN TRIPLICATE
(Other instructions on reverse)

Form approved.
Budget Bureau No. 1004-0136
Expires August 31, 1985

CONFIDENTIAL

LEASE DESIGNATION AND SERIAL NO.

UTU-20255

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒

DEEPEN ☐

PLUG BACK ☐

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

n/a

7. UNIT AGREEMENT NAME

n/a

8. FARM OR LEASE NAME

Monument Federal

9. WELL NO.

#31-8-9-16

10. FIELD AND POOL, OR WILDCAT

Monument Butte/Green River

11. SEC., T., R., M., OR BLK.
AND SURVEY OR AREA

Sec. 8, T9S, R16E

12. COUNTY OR PARISH

Duchesne

13. STATE

UTAH

b. TYPE OF WELL

OIL
WELL ☒

GAS
WELL ☐

OTHER

SINGLE
ZONE ☐

MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

Equitable Resources Energy Company

3. ADDRESS OF OPERATOR

1601 Lewis Avenue; Billings, MT 59102 (406) 259-7860

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)

At surface

NW NE Section 8, T9S, R16E

520' FNL, 2076' FEL

At proposed prod. zone

158

638

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

From Myton, Utah approximately 10 miles SW

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any)

16. NO. OF ACRES IN LEASE

17. NO. OF ACRES ASSIGNED
TO THIS WELL

18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

19. PROPOSED DEPTH

6,000'

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, ET, GR, etc.)

GL 5,838'

22. APPROX. DATE WORK WILL START*

23.

PROPOSED CASING AND CEMENTING PROGRAM

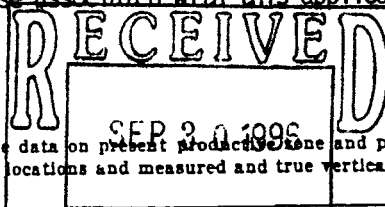
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
See Drilling Program/Casing Design				

Operator plans to drill this well in accordance with the attached EXHIBITS. A listing of EXHIBITS is also attached.

SELF CERTIFICATION: I hereby certify that I am authorized, by proper lease interest owner, to conduct these operations associated with the application. Bond coverage pursuant to 43 CFR 3104 for lease activities is being provided by Equitable Resources Energy Company as principal and Safeco Insurance Company of America as surety under BLM Bond No. MT 0576 (Nationwide Oil & Gas Bond #5547188) who will be responsible for compliance with all of the terms and conditions of that portion of the lease associated with this application.

ORIGINAL: Bureau of Land Management (Vernal, UT)

COPY: Utah Division of Oil, Gas and Mining



IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

Bobbie Schuman
Bobbie Schuman

Regulatory and DIV. OF OIL, GAS & MINING

TITLE Environmental Specialist

DATE September 25, 1996

(This space for Federal or State office use)

PERMIT NO.

43-013-31721

APPROVAL DATE

APPROVED BY

J. Matthews

TITLE

Deborah Engman

DATE

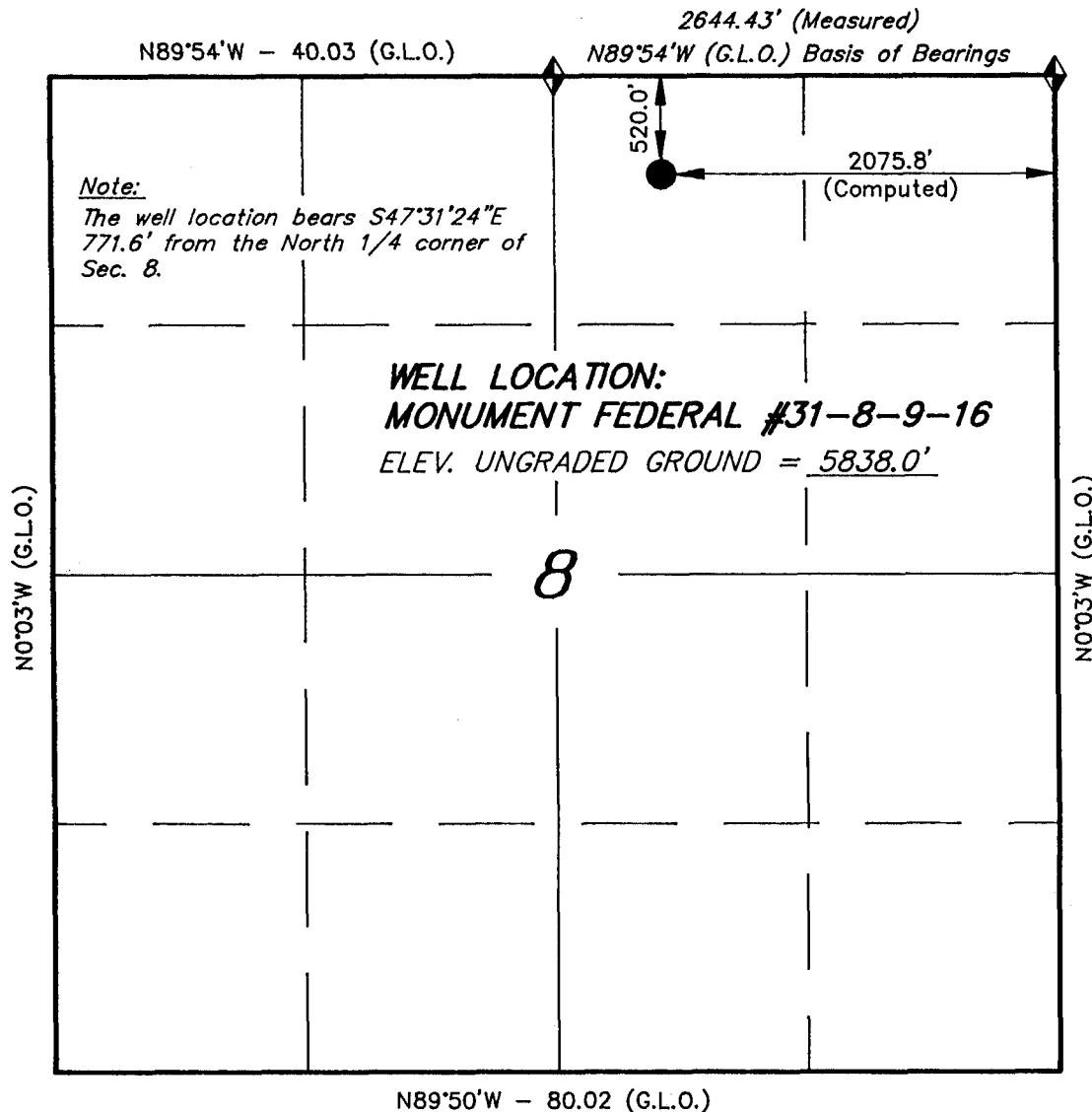
11/25/96

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

T9S, R16E, S.L.B.&M.

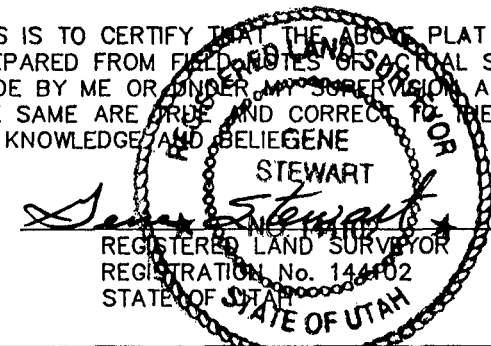
EQUITABLE RESOURCES ENERGY CO.



WELL LOCATION, MONUMENT FEDERAL #31-8-9-16, LOCATED AS SHOWN IN THE NW 1/4 NE 1/4 OF SECTION 8, T9S, R16E, S.L.B.&M. DUCHESNE COUNTY, UTAH.



THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.



TRI STATE LAND SURVEYING & CONSULTING
38 WEST 100 NORTH - VERNAL, UTAH 84078
(801) 781-2501

SCALE: 1" = 1000'	SURVEYED BY: G.S.
DATE: 9-7-96	WEATHER: WARM
NOTES:	FILE #

◆ = SECTION CORNERS LOCATED

BASIS OF ELEV; U.S.G.S. 7-1/2 min QUAD (MYTON SW)

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GAS WELL ☐

OTHER

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MULTIPLE ZONE ☐

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3. ADDRESS OF OPERATOR

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SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
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COPY: Utah Division of Oil, Gas and Mining

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Robbie Schuman
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TITLE

Regulatory and OF OIL, GAS & MINING
Environmental Specialist

DATE September 25, 1996

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PERMIT NO.

43-013-31721

APPROVAL DATE

APPROVED BY

J. Matthews

TITLE

Robbie Schuman

DATE

11/25/96

*See Instructions On Reverse Side

CONFIDENTIAL

**AS OPERATOR, WE HEREBY REQUEST THAT THE STATUS OF
THIS WELL BE HELD TIGHT FOR THE MAXIMUM PERIOD
ALLOWED BY FEDERAL AND STATE REGULATIONS.**

**Equitable Resources Energy Company
Western Region
1601 Lewis Avenue
Billings, MT 59102
(406) 259-7860
FAX: (406) 245-1361**

EXHIBITS

- A PROPOSED DRILLING PROGRAM
- B PROPOSED SURFACE USE PROGRAM
- C GEOLOGIC PROGNOSIS
- D DRILLING PROGRAM/CASING DESIGN/WELLBORE DIAGRAM
- E HAZMAT DECLARATION
- F EXISTING & PLANNED ACCESS ROADS (MAPS A & B)
- G WELLSITE LAYOUT
- H BOPE SCHEMATIC
- I EXISTING ROADS (MAP C)
- J PROPOSED PRODUCTION FACILITY DIAGRAM
- K SURVEY PLAT
- L LAYOUT/CUT & FILL DIAGRAM
- M GAS GATHERING PIPELINE ROW APPLICATION

9/25/96

PROPOSED DRILLING PROGRAM

EQUITABLE RESOURCES ENERGY COMPANY
Western Region
Monument Federal #31-8-9-16
NW NE Section 8, T9S, R16E
Duchesne County, Utah

In accordance with requirements outlined in 43 CFR 3162-3.1 (d):

1. **ESTIMATED IMPORTANT GEOLOGICAL MARKERS:**

See Geologic Prognosis (EXHIBIT "C")

2. **ESTIMATED DEPTHS OF ANTICIPATED OIL, GAS OR WATER:**

See Geologic Prognosis (EXHIBIT "C")

3. **OPERATOR'S MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:**

- a. EXHIBIT "H" is a schematic of the BOP equipment and choke manifold. A 2M system will be used. The BOPE will be installed after setting 8-5/8" casing at 260'. The blind rams and pipe rams will be tested to 1500 psi. Pipe rams will be operationally checked each 24-hour period and blind rams each time pipe is pulled out of the hole.
- b. The BOPE will be tested to 1500 psi when initially installed, whenever any seal subject to test pressure is broken, and following related repairs. The pipe and blind rams will be activated at least weekly and on every trip the pipe and blind rams will be activated.
- c. An accumulator of sufficient capacity to open the hydraulically-controlled choke valve lines (if so equipped), close all rams, and retain a minimum of 200 psi above precharge on the closing manifold without the use of the closing unit pumps will be installed during the drilling of this well.
- d. An upper kelly cock will be used during the drilling of this well.
- e. Visual mud monitoring equipment will be used to detect volume changes indicating loss or gain in circulating fluid volume.
- f. Sufficient quantities of mud materials will be maintained or readily accessible for the purpose of assuring well control.

4. PROPOSED CASING AND CEMENTING PROGRAM:

- a. Surface casing will be set in the Uinta formation to approximately 260' and cemented to surface.
- b. All potentially productive hydrocarbon zones will be isolated.
- c. Casing designs are based on factors of burst: 1.00, collapse: 1.125, and joint strength: 1.8.
- d. All casing strings will be pressure tested to 0.22 psi/ft. of casing string length or 1500 psi whichever is greater (not to exceed 70% of yield).
- e. For details of casing, cement program, drilling fluid program, and proposed mud program, see the following attachment:

Drilling Program/Casing Design (EXHIBIT "D")

5. HAZARDOUS PRESSURES, TEMPERATURES, FLUIDS/GASSES EXPECTED:

- a. Expected bottom hole temperature is 125 degrees F. Expected bottom hole pressure is 1500 psi.
- b. No abnormal pressures or temperatures have been noted or reported in wells drilled to the Green River formation in this area.
- c. No dangerous levels of hydrogen sulfide, hazardous fluids, or gasses have been found, reported, or known to exist at the depth to be drilled in this well, in this area.

6. ANTICIPATED STARTING DATE AND DURATION OF OPERATIONS:

- a. The drilling operations for this well will begin as soon after APD approval as possible.
- b. These drilling operations should be completed within 12 days after spudding the well depending on weather and hole conditions.
- c. If the well is productive, a sundry notice and plat showing exact installed facilities will be submitted.

- d. If this well is non-productive, a sundry notice will be filed with the BLM District Office within 30 days following completion of the well for abandonment.

7. OTHER

- a. Operator requests a variance to regulations requiring a straight run blooie line.
- b. Operator requests a variance to regulations requiring an automatic ignitor or continuous pilot light on the blooie line.
- c. When running 5-1/2" production casing we will install 5-1/2" pipe rams and are hereby requesting a variance on testing. We request not to test.

B

Multi-Point Surface Use and Operations Plan

EQUITABLE RESOURCES ENERGY COMPANY
MONUMENT FEDERAL #31-8-9-16
NW NE SECTION 8, T9S, R16E
DUCHESNE COUNTY, UTAH

1. Existing Roads: Refer to Maps "A" & "B" (shown in RED)

- A. The proposed well site is staked and four reference stakes are present. 200' & 249' South and 152' & 199' East.
- B. The Monument Federal #31-8-9-16 is located 10 miles Southwest of Myton Utah in the NW1/4 NE1/4 Section 8, T9S, R16E, SLB&M, Duchesne County, Utah. To reach the 31-8-9-16, proceed West from Myton, Utah along U.S. Highway 40 for 1.6 miles to the junction of this highway and Sand Wash road; Proceed South along the Sand Wash road approximately 6.3 miles to a road intersection, turn right and continue 6.0 miles to the proposed access road sign. Follow flags 0.2 mile to location.
- C. Access roads - refer to Maps "A" and "B".
- D. Access roads within a one-mile radius - refer to map "B".
- E. The existing roads will be maintained in the same or better condition as existed prior to the commencement of operations and said maintenance will continue until final abandonment and reclamation of the well location.

2. Planned Access Roads: Refer to Map "B"

Approximately 0.2 mile of new road construction will be required for access to the proposed well location.

- A. Width - maximum 30-foot overall right-of-way with an 18-foot road running surface, crowned & ditched and/or sloped and dipped.

- B. Construction standard - the access road will be constructed so as to conform to the standards outlined in the Bureau of Land Management and Forest Service publication: Surface Operating Standards for Oil and Gas Exploration and Development. (1989)

The road will be constructed to meet the standards of the anticipated traffic flow and all-weather requirements. Construction will include ditching, draining, crowning, and capping or sloping and dipping the roadbed as necessary to provide a well constructed and safe road. Prior to construction/upgrading, the roadway shall be cleared of any snow cover and allowed to dry completely. Traveling off of the thirty (30) foot right-of-way will not be allowed.

Road drainage crossings shall be of the typical dry creek drainage crossing type. Crossing shall be designed so they will not cause siltation or the accumulation of debris in the drainage crossing nor shall the drainages be blocked by the roadbed. Erosion of drainage ditches by runoff water shall be prevented by diverting water off at frequent intervals by means of cutouts.

Upgrading shall not be allowed during muddy conditions.

Should mud holes develop, they shall be filled in and detours around them avoided.

- C. Maximum grade - Less than 8%
- D. Turnouts - no turnouts will be required on this access road.
- E. Drainage design - the access road will be crowned and ditched or sloped and dipped, and water turnouts installed as necessary to provide for proper drainage along the access road route.
- F. Culverts, cuts and fills - none.
- G. Surface materials - all construction materials will be native material taken from onsite.
- H. Gates, cattleguards or fence cuts - none required.
- I. Road maintenance - during both the drilling and production phase of operations, the road surface and shoulders will be kept in a safe and useable condition and will be maintained in accordance with the original construction standards. All drainage ditches and culverts

will be kept clear and free-flowing, and will also be maintained in accordance with the original construction standards. The access road right-of-way will be kept free of trash during operations.

- J. The proposed access road has been centerline flagged.
- K. If a right-of-way is required please consider this APD the application for said right-of-way.

3. Location of Existing Wells Within a One-Mile Radius:

Please Refer to Map "C"

- A. Water wells - none known.
- B. Abandoned wells - see Map "C"
- C. Temporarily abandoned wells - none known.
- D. Disposal wells - none known.
- E. Drilling wells - none known.
- F. Producing wells - see Map "C".
- G. Shut-in wells - none known.
- H. Injection wells - none known.
- I. Monitoring wells - none known.

4. Location of Existing and/or Proposed Facilities Owned by Equitable Resources Energy Company Within a One-Mile Radius:

A. Existing

- 1. Tank batteries - see Map "C".
- 2. Production facilities - see Map "C".
- 3. Oil gathering lines - none.
- 4. Gas gathering lines - see Map "C".

B. New Facilities Contemplated

- 1. All production facilities will be located on the disturbed portion of the well pad and at a minimum of twenty-five (25) feet from the toe of the backslope or toe of the fill slope.
- 2. The production facilities will consist primarily of a pumping unit, Two tanks and an emergency pit. A diagram showing the proposed production facility layout is included in this APD.
- 3. Production facilities will be accommodated on the existing well pad. Construction materials required for installation of the production facilities will be obtained from the site; any additional materials required will be purchased from a local supplier having

a permitted (private) source of materials within the area.

A dike will be constructed completely around those production facilities which contain fluids (i.e. production tanks, produced water tanks and/or heater treater). These dikes will be constructed of compacted subsoil, be impervious, hold 100% of the capacity of the largest tank, and be independent of the back cut.

4. All permanent (onsite for six months or longer) above the ground structures constructed or installed including pumping units) will be painted Desert Brown. All production facilities will be painted within six (6) months of installation. Facilities required to comply with Occupational Health and Safety Act Rules and Regulations will be excluded from this painting requirement.
- C. The production (emergency) pit will be 12'x12' and will be fenced. Said fence will be maintained in good condition.
- D. During drilling and subsequent operations, all equipment and vehicles will be confined to the access road right-of-way and any additional areas as specified in the approved Application for Permit to Drill.
- E. Reclamation of disturbed areas no longer needed for operation will be accomplished by grading, leveling and seeding as recommended by the Bureau of Land Management.

For Pipeline:

- F. Any proposed pipelines will be submitted to the authorized officer Via Sundry Notice for approval of subsequent operations.
- G. Equitable Resources Energy Company shall be responsible for road maintenance from the beginning to completion of operations.

5. Location and Type of Water Supply

- A. Water to be used for the drilling of these wells will be hauled by truck over the roads described in item #1 and item #2, from a well owned by Owen Dale Anderson of Vernal Utah or from a spring owned by Joe Shields of Myton Utah. Source will be determined by sundry notice closer to the

beginning of drilling operations.

- B. No water well will be drilled on this location.

6. Source of Construction Materials

- A. No construction materials are needed for drilling operations. In the event of production, the small amount of gravel needed for facilities will be hauled in by truck from a local gravel pit over existing access roads to the area. No special access other than for drilling operations and pipeline construction is needed.

- B. All access roads crossing Federal land are described under item #2, and shown on Map #A.

All construction material for these location sites and access roads shall be borrowed material accumulated during the construction of the location sites and access roads. No additional construction material from other sources is anticipated at this time, if in the future it is required the appropriate actions will be taken to acquire it from private sources.

- C. All surface disturbance area is on B.L.M. lands.

- D. There are no trees on this location.

7. Methods of Handling Waste Materials:

- A. Cuttings - the cuttings will be deposited in the reserve pit.

- B. Drilling fluids - including salts and chemicals will be contained in the reserve pit. Upon termination of drilling and completion operations, the liquid contents of the reserve pit will be removed and disposed of at an approved waste disposal facility within one hundred twenty (120) days after termination of drilling and completion activities.

In the event adverse weather conditions prevent removal of the fluids from the reserve pit within this time period, an extension may be granted by the Authorized Officer upon receipt of a written request from Equitable Resources Energy Company.

The reserve pit will be constructed so as not to leak, break, or allow discharge. The reserve pit will be lined with a 12 mil plastic reinforced liner.

- C. Produced fluids - liquid hydrocarbons produced during completion operations will be placed in test tanks on the location. Produced waste water will be confined to a lined pit (reserve pit) or storage tank for a period not to exceed ninety (90) days after initial production. During the ninety (90) day period, in accordance with Onshore Order #7, an application for approval of a permanent disposal method and location, along with the required water analysis, shall be submitted for the Authorized Officer's approval. Failure to file an application within the time frame allowed will be considered an incidence of noncompliance.

Any spills of oil, gas, salt water or other noxious fluids will be immediately cleaned up and removed to an approved disposal site.

- D. Sewage - self-contained, chemical toilets will be provided for human waste disposal. Upon completion of operations, or as needed, the toilet holding tanks will be pumped and the contents thereof disposed of in the nearest, approved, sewage disposal facility.
- E. Garbage and other waste material - garbage, trash and other waste materials will be collected in a portable, self-contained and fully-enclosed trash cage during drilling and completion operations. Upon completion of operations (or as needed) the accumulated trash will be disposed of at an authorized sanitary landfill. No trash will be burned on location or placed in the reserve pit.
- F. Immediately after removal of the drilling rig, all debris and other waste materials not contained in the trash cage will be cleaned up and removed from the well location. No adverse materials will be left on the location. Any open pits will be fenced during the drilling operation and the fencing will be maintained until such time as the pits are backfilled.
- G. The reserve and/or production pit will be constructed on the existing location and will not be located in natural drainages where a flood hazard exists or surface runoff will destroy or damage the pit walls. All pits will be constructed so as not to leak, break, or allow the discharge of liquids therefrom.

8. Ancillary Facilities:

None anticipated.

9. Wellsite Layout:

- A. Plat #1 shows the drill site layout as staked. Cross sections have been drafted to visualize the planned cuts and fills across the location. An average minimum of six (6) inches of topsoil will be stripped from the location (including areas of cut, fill, and/or subsoil storage) and stockpiled for future reclamation of the well site. Refer to Figure #1 for the location of the topsoil and subsoil stockpiles. The reserve pit will be on the North side of location. Access will be from the North near corner #6.
- B. Plat #2 is a diagram showing the rig layout. No permanent living facilities are planned. There may be as many as three (3) trailers on location during drilling operation.
- C. A completion rig will be moved onto location for completion operations after drilling operations have been completed and the drilling rig has been moved off location.
- D. A diagram showing the proposed production facility layout is included in this APD.
- E. The reserve pit will be constructed so as to be capable of holding 12,000 bbls. of fluid.

The reserve pit will be lined with a 12 mil plastic liner, it will be torn and perforated after the pit dries and before backfilling of the reserve pit.

- F. Prior to the commencement of drilling operations, the reserve pit will be fenced on three (3) sides using 39-inch net wire with one strand of barbed wire on top of the net wire. The net wire will be no more than two inches above the ground. the barbed wire will be three inches above the net wire. total height of the fence will be at least 42-inches.
 - 1. Corner posts shall be cemented and/or braced in such a manner to keep the fence tight at all times.
 - 2. Standard steel, wood, or pipe posts shall be used between the corner braces. The maximum distance between any two (2) posts shall be no greater than sixteen (16) feet.
 - 3. All wire shall be stretched, by using a stretching device, before it is attached to the corner posts.

The fourth side of the reserve pit will be fenced immediately upon removal of the drilling rig and the fencing will be maintained until the pit is backfilled.

- G. Any hydrocarbons on the pit will be removed from the pit as soon as possible after completion operations are completed.

10. Plans for Reclamation of the Surface:

The B.L.M. will be contacted prior to commencement of any reclamation operations.

A. Production

1. Immediately upon well completion, the well location and surrounding area(s) will be cleared of all debris, materials, trash and junk not required for production.
2. Immediately upon well completion, any hydrocarbons on the pit shall be removed in accordance with 43 CFR 3162.7-1.
3. The plastic pit liner shall be torn and perforated before backfilling of the reserve pit.
4. Before any dirt work to restore the location takes place, the reserve pit will be completely dry and all cans, barrels, pipe, etc. will be removed.

Other waste and spoil materials will be disposed of immediately upon completion of drilling and workover activities.

5. The reserve pit and that portion of the location and access road not needed for production facilities/operations will be reclaimed within one hundred twenty (120) days from the date of well completion, weather permitting.
6. If the well is a producer, Equitable Resources Energy Company will, upgrade and maintain access roads as necessary to prevent soil erosion, and accommodate year round traffic. Reshape areas unnecessary to operations, distribute topsoil, disk and seed all disturbed areas outside the work area according to the recommended seed mixture. Perennial vegetation must be established. Additional work shall be required in case of seeding failures, etc.

If the well is abandoned/dry hole, Equitable Resources

Energy Company will, restore the access road and location to approximately the original contours. During reclamation of the site, push the fill material into cuts and up over the backslope. Leave no depressions that will trap water or form ponds. Distribute topsoil evenly over the location, and seed according to the above seed mixture. The access road and location shall be ripped or disked prior to seeding. Perennial vegetation must be established. Additional work shall be required in case of seeding failures, etc.

Seedbed will be prepared by disking, following the natural contours. Seed will be drilled on contours at a depth no greater than one-half inch (1/2"). In areas that cannot be drilled, seed will be broadcast at double the seeding rate and harrowed into soil. Certified seed will be used whenever available.

Fall seeding will be completed after September 15 and prior to prolonged ground frost. Spring seeding, to be effective, will be completed after the frost has left the ground and prior to May 15th.

7. Upon completion of backfilling, leveling and recontouring, the stockpiled topsoil will be evenly spread over the reclaimed area(s). Prior to reseeding, all disturbed surfaces will be scarified and left with a rough surface. No depressions will be left that would trap water and form ponds. All disturbed surfaces will be reseeded with the seed mixture stipulated by the B.L.M.

Seed will be drilled on the contour to a approximate depth of one-half (1/2) inch. All seeding will be conducted after September 15 and prior to ground frost. Spring seeding will be done after the frost leaves the ground and no later than May 15. If the seeding is unsuccessful, Equitable Resources may be required to make subsequent seedings.

B. Dry Hole/Abandoned Location

1. On lands administered by the Bureau of Land Management, abandoned well sites, roads, or other disturbed areas will be restored to near their original condition. This procedure will include:
 - (c) ensuring revegetation of the disturbed areas to the specifications of the Bureau of Land Management at the time of abandonment.

2. All disturbed surfaces will be recontoured to the approximate natural contours and reseeded according to BLM specifications. Reclamation of the well pad and access road will be performed as soon as practical after final abandonment and reseeding operations will be performed in the fall or spring following completion of reclamation operations.

11. Surface Ownership:

The well site and proposed access road are situated on surface lands administered by

Bureau of Land Management
Vernal District Office
Vernal, Utah

12. Other Information:

- A. Topographic and geologic features of the area (reference Topographic Map #A) are:

The proposed drill site is located in the Monument Butte oil field, which lies in a large basin formed by the Uinta Mountains to the North and the Bookcliff Mountains to the South. The site is located approximately 15 miles Northwest of the Green River, which is the major drainage for this area, and approximately 13 miles Southwest of Myton Utah.

This basin floor is interlaced with numerous canyons and ridges formed by the non-perennial streams of the area. The sides of these canyons are steep and ledges formed in sandstone, conglomerate deposits and shale are common in this area.

The geologic structures that are visible in the area are of the Uinta formation (Eocene Epoch) tertiary period and the cobblestone and younger alluvial deposits from the Quaternary period.

The soils in the semi-arid area of the Williams Fork Formation (Upper Cretaceous) and Wasatch Formation (Eocene) consist of light brownish gray clay (OL) to sand soil (SM-ML) type with poorly graded gravels.

Outcrops of sandstone ledges, conglomerate deposits and shale are common in this area.

The topsoils in the area range from a sandy clay (SM-ML)

type soil to a clayey (OL) soil.

The majority of the numerous washes and draws in the area are of a non-perennial nature flowing during the early spring run-off and heavy rain storms of long duration which are rare as the normal annual rainfall in the area is only 8".

The flora of the area includes sagebrush, mountain mahogany, serviceberry, rabbit brush, greasewood, four-wing saltbush, Gambel scrub oak, willow, tamarack, shadscale, Spanish bayonet, indian rice grass, cheatgrass, wheatgrass, curly grass, crested wheatgrass, sweet clover, gum weed, foxtail, mustard, Canadian thistle, Russian thistle, Kochia, sunflowers and cacti.

The fauna of the area includes cattle, horses, elk, deer, coyotes, rabbits, rodents, lizards, bull snakes, rattle snakes, water snakes and horned toads. Birds of the area are ground sparrows, bluejays, bluebirds, magpies, ravens, raptors, morning doves, swallows, nighthawks, hummingbirds, and chukar.

- B. The surface ownership is Federal. The surface use is grazing and petroleum production.
- C.
 - 1. The closest live water is the Green River which is approximately 15 miles Southwest of the proposed site.
 - 2. There are no occupied dwellings in the immediate area
 - 3. An archaeological report will be forwarded upon completion.
 - 4. There are no reported restrictions or reservations noted on the oil and gas lease.
 - 5. A silt catchment dam will not be required for this location.

13. Lessee's or Operator's Representative:

Equitable Resources Energy Company
1601 Lewis Avenue
P.O. Box 21017
Billings, Montana 59104
(8:00 a.m. to 5:00 p.m.)
(406)259-7860
FAX: (406)245-1361

Dave McCoskery,

Home (406)248-3864

Dale Griffin,

Home (303)824-3323

14. certification:

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which presently exist; that any statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by Balcron Oil, a division of Equitable Resources Energy Company, and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

September 27, 1996
Date

Bobbie Schuman
Bobbie Schuman
Coordinator of Environmental
and Regulatory Affairs
Equitable Resources Energy Co.



Well Prognosis

Well Name Monument Fed. #31-8-9-16					Control Well		
Location NW/NE Sec.8-T9S-R16E (520 fml, 2076 fel)					Operator EREC		
County/State Duchesne County, Utah					Well Name Monument Federal 41-8		
Field Mon. Butte		Well Type Dev.			Location NE/NE Sec. 8-T9S-R16E		
GL (Ung) 5838	EST. KB 5848	Total Depth 6000		KB 5819			

Formation Tops		Prognosis		Sample Top		Control Well	High/Low	
Formation	Depth	Datum	Depth	Datum	Datum	Prog	Control	Deviation
UINTA	surface							
GREEN RIVER	1611	4237			4217			
HORSEBENCH SS	3537	3537			3517			
2ND GARDEN GULCH	4003	1845			1825			
Y-2(PAY)	4328	1520			1500			
YELLOW MARKER	4638	1210			1190			
Y-6 (PAY)	4767	1081			1061			
DOUGLAS CREEK	4789	1059			1039			
R-1 (PAY)	4825	1023			1003			
R-5 (PAY)	4973	875			855			
2ND DOUGLAS CREEK	5025	823			803			
G-1L (PAY)	5107	741			721			
GREEN MARKER	5164	684			664			
G-3 (PAY)	5237	611			591			
G-4 (PAY)	5273	575			555			
G-6 (PAY)	5370	478			458			
CARBONATE MARKER	5672	176			156			
B-1 (PAY)	5705	143			123			
TD	6000							

Samples	DST,s	Wellsite Geologist
50' FROM 1600' TO 4100'	DST #1 NONE	Name: _____
20' FROM 4100' TO TD	DST #2 _____	From: _____ To: _____
5' THROUGH EXPECTED PAY	DST #3 _____	Address: _____
5' THROUGH DRILLING BREAKS	DST #4 _____	Phone # _____ wk.
		_____ hm.

Logs	Cores	Mud Logger
DLL FROM SURF CSNG TO TD	Core #1 _____	Company: _____
LDT/CNL FROM 3900' TO TD	Core #2 _____	From: 1600' To: TD
_____	Core #3 _____	Type: 2-MAN
_____	Core #4 _____	Logger: _____
Comments:		Phone # _____
_____		Fax # _____

Report To: 1st Name: DAVE BICKERSTAFF	Phone # (406)259-7860	wk. (406)245-2261	hm.
2nd Name: KEVEN REINSCHMIDT	Phone # (406)259-7860	wk. (406)248-7026	hm.
Prepared By: BICKERSTAFF 9/10/96	Phone # _____	wk. _____	hm. _____



EQUITABLE RESOURCES
ENERGY COMPANY
WESTERN REGION

DRILLING PROGRAM

WELL NAME: Monument Federal #31-8-9-16 DATE: 9-26-96
PROSPECT/FIELD: Monument Butte
LOCATION: NW/NE Section 8 Twn. 9S Rge. 16E
COUNTY: Duchesne
STATE: Utah

TOTAL DEPTH: 6000'

HOLE SIZE INTERVAL

12 1/4" Surface to 260'
7 7/8" 260' to 6000'

CASING	INTERVAL		CASING		
STRING TYPE	FROM	TO	SIZE	WEIGHT	GRADE
Surface Casing	0'	260'	8 5/8"	24	J55
Production Casing	0'	6000'	5 1/2"	15.50	K55

CEMENT PROGRAM

Surface Casing	150 sacks class "G" with 2% CaCl and 1/4 lb/sack Flocele. (Cement will be circulated to surface.)
Production Casing	205 sacks 28:72 Poz. (28% POZ: 72% Class "C") with 10% Gel, 6.0 lbs/sk KOL SEAL & 1/4 pps Cello Flake. (Wt.=11.09 ppg, Yd=3.30 Cu.Ft/Sk Comp. Stght @ 72 Hrs=575) Tailed with 400 sacks 50:50 POZ (50% POZ: 50% Class "G") with 2% Gel, 0.3% FL-52, 1/4 pps Cello Flakes & 2.0 pps KOL SEAL. (Wt.=14.30 ppg, Yd=1.25 Ft.Cu./Sk, Comp Strght @ 75 Hrs=2700) (Actual cement volumes to be calculated from caliper log with cement top at 2000')

PRELIMINARY DRILLING FLUID PROGRAM

TYPE	FROM	TO	WEIGHT	PLAS. VIS	YIELD POINT
Air and Air Mist	0'	260'	N.A.	N.A.	N.A.
Air/Air Mist/KCl wtr	260'	T.D.	8.7-8.9	N.A.	N.A.

COMMENTS

1.) No cores or tests are planned for this well.

EQUITABLE RESOURCES ENERGY COMPANY

Operator: EREC	Well Name: MF 31-8-9-16
Project ID:	Location: Duchesne / Utah

Design Parameters:

Mud weight (8.70 ppg) : 0.452 psi/ft
 Shut in surface pressure : 2112 psi
 Internal gradient (burst) : 0.100 psi/ft
 Annular gradient (burst) : 0.000 psi/ft
 Tensile load is determined using air weight
 Service rating is "Sweet"

Design Factors:

Collapse : 1.125
 Burst : 1.00
 8 Round : 1.80 (J)
 Buttress : 1.60 (J)
 Body Yield : 1.50 (B)

Length (feet)	Size (in.)	Weight (lb/ft)	Grade	Joint	Depth (feet)	Drift (in.)	Cost
1	6,000	5-1/2"	15.50	K-55	LT&C	6,000	4.825

	Load (psi)	Collapse Strgth (psi)	S.F.	Burst Load (psi)	Min Int Strgth (psi)	Yield S.F.	Load (kips)	Tension Strgth (kips)	S.F.
1	2712	4040	1.490	2712	4810	1.77	93.00	239	2.57 J

Prepared by : McCoskery, Billings, Montana

Date : 09-26-1996

Remarks :

Design is for a Production string.

Minimum segment length for the 6,000 foot well is 1,500 feet.

The mud gradient and bottom hole pressures (for burst) are 0.452 psi/ft and 2,712 psi, respectively.

NOTE: The design factors used in this casing string design are as shown above. As a general guideline, Lone Star Steel recommends using minimum design factors of 1.125 - collapse (with evacuated casing), 1.0 - (uniaxial) burst, 1.8 - API 8rd tension, 1.6 - buttress tension, 1.5 - body yield tension, and 1.6 - EUE 8rd tension. Collapse strength under axial tension was calculated based on the Westcott, Dunlop and Kemler curve. Engineering responsibility for use of this design will be that of the purchaser.
 Costs for this design are based on a 1987 pricing model. (Version 1.07)

EXHIBIT "E"

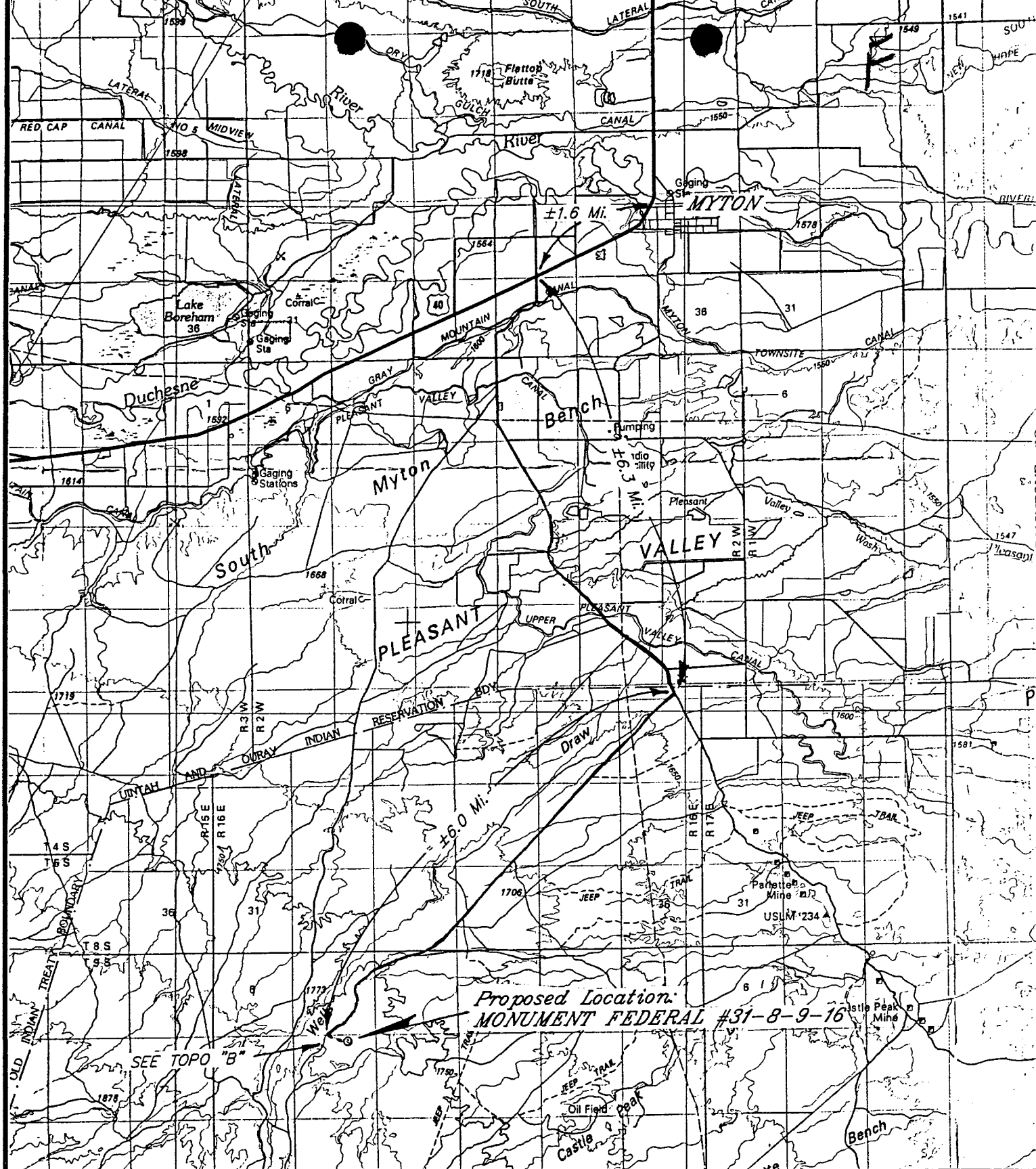
- A. Hazardous chemicals 10,000 pounds of which will most likely be used, produced, stored, transported, or disposed of in association with the proposed action of drilling, completing, and producing this well:

We anticipate that none of the hazardous chemicals in quantities of 10,000 pounds or more will be associated with these operations.

- B. Extremely hazardous substances threshold quantities which will be used, produced, stored, transported, or disposed of in association with the proposed action of drilling, completing, and producing this well:

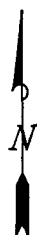
We anticipate that none of the extremely hazardous substances in threshold quantities per 40 CFR 355 will be associated with these operations.

3/28/95
/rs



EQUITABLE RESOURCES CO.

MONUMENT FEDERAL #31-8-9-16
SEC. 8, T9S, R16E, S.L.B.&M.
TOPO "A"

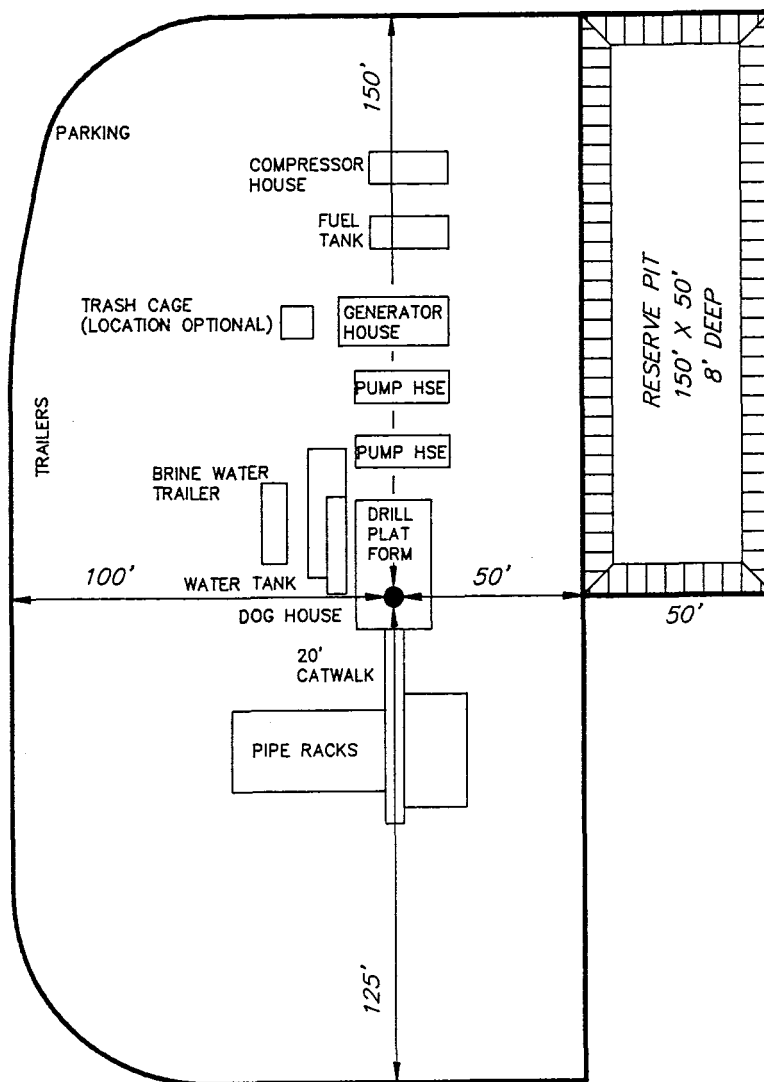


Tri State
Land Surveying, Inc.
(801) 781-2501
38 WEST 100 NORTH VERNAL, UTAH 84078

G

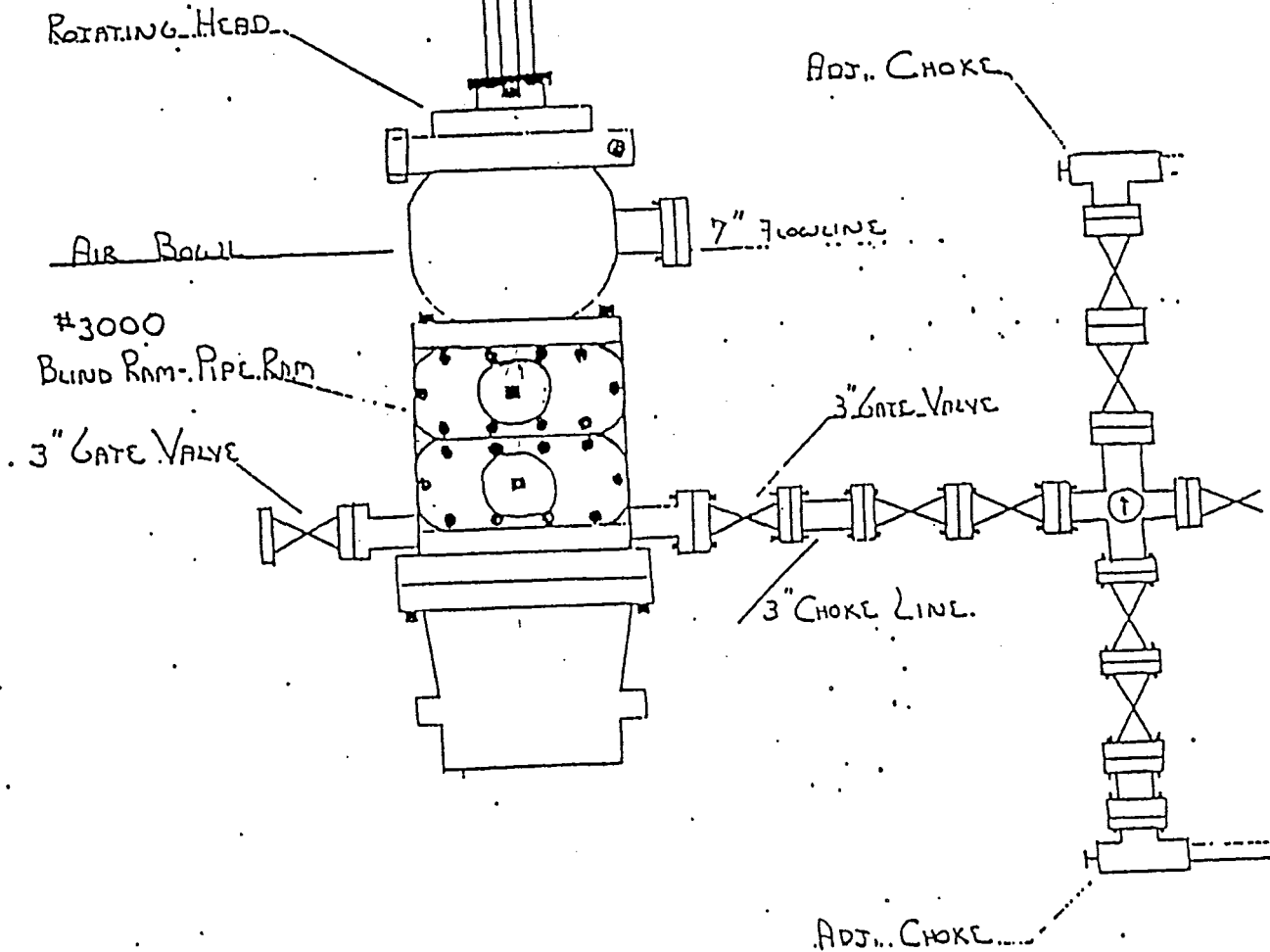
TYPICAL RIG LAYOUT

MONUMENT FEDERAL #31-8-9-16

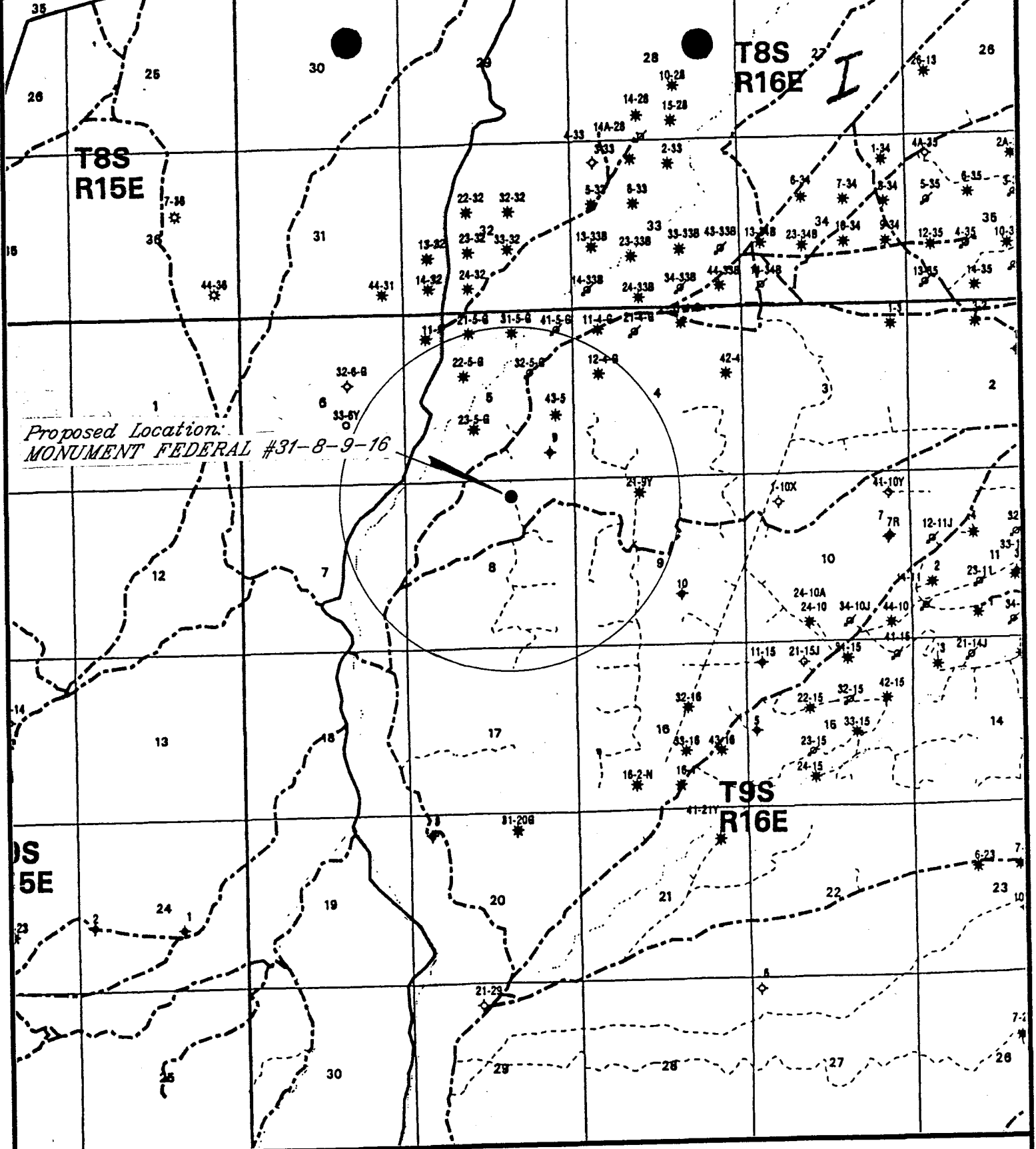


UNION DRILLING RIG #17

Hex Kelly -

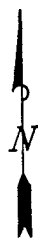


#3000 STACK



EQUITABLE RESOURCES CO.

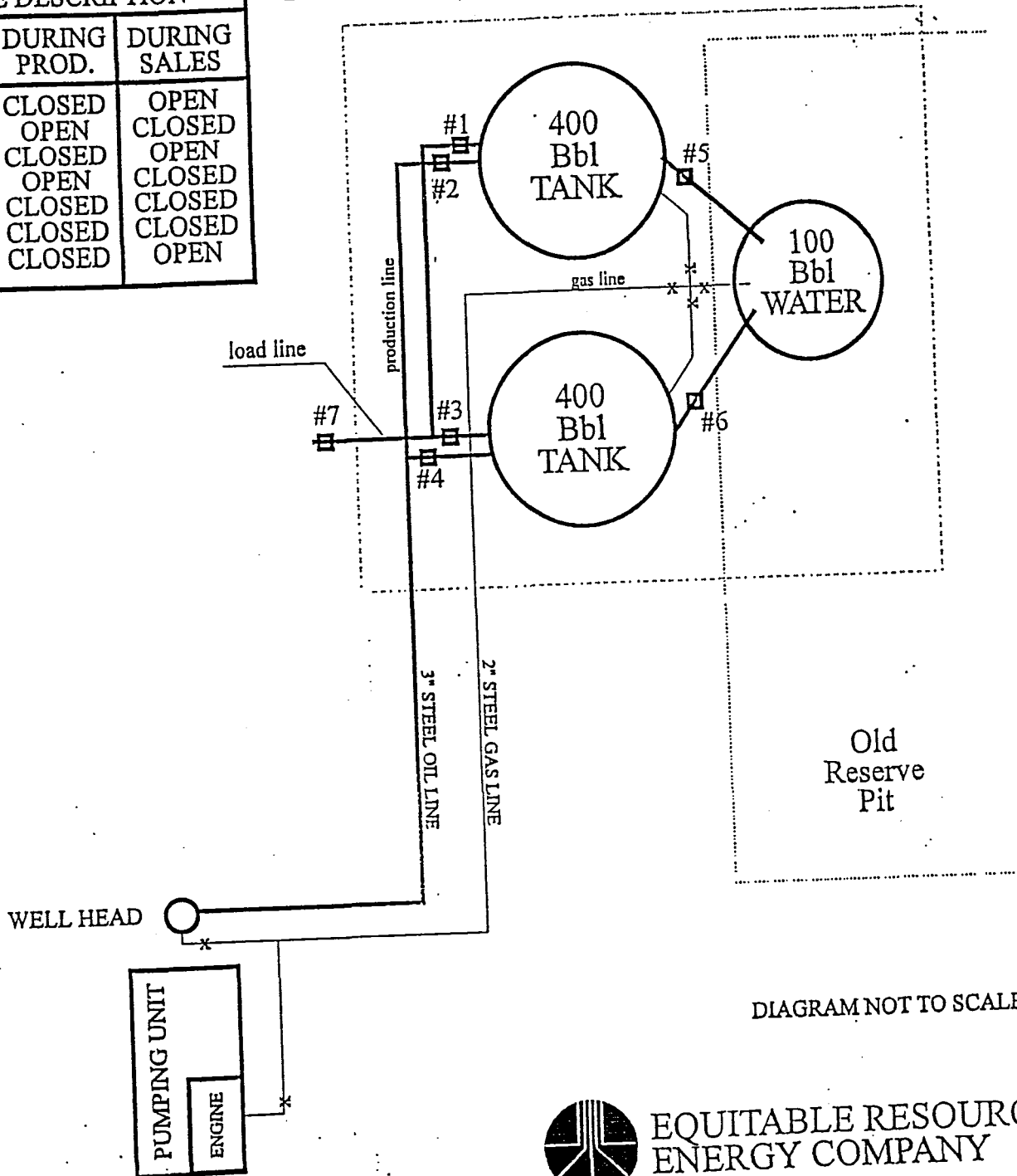
MONUMENT FEDERAL #31-8-9-16
SEC. 8, T9S, R16E, S.L.B.&M.
TOPO "C"



Tri State
Land Surveying, Inc.
 (801) 781-2501
 38 WEST 100 NORTH VERNAL, UTAH 84078

VALVE DESCRIPTION		
	DURING PROD.	DURING SALES
VALVE #1	CLOSED	OPEN
VALVE #2	OPEN	CLOSED
VALVE #3	CLOSED	OPEN
VALVE #4	OPEN	CLOSED
VALVE #5	CLOSED	CLOSED
VALVE #6	CLOSED	CLOSED
VALVE #7	CLOSED	OPEN

DIKE

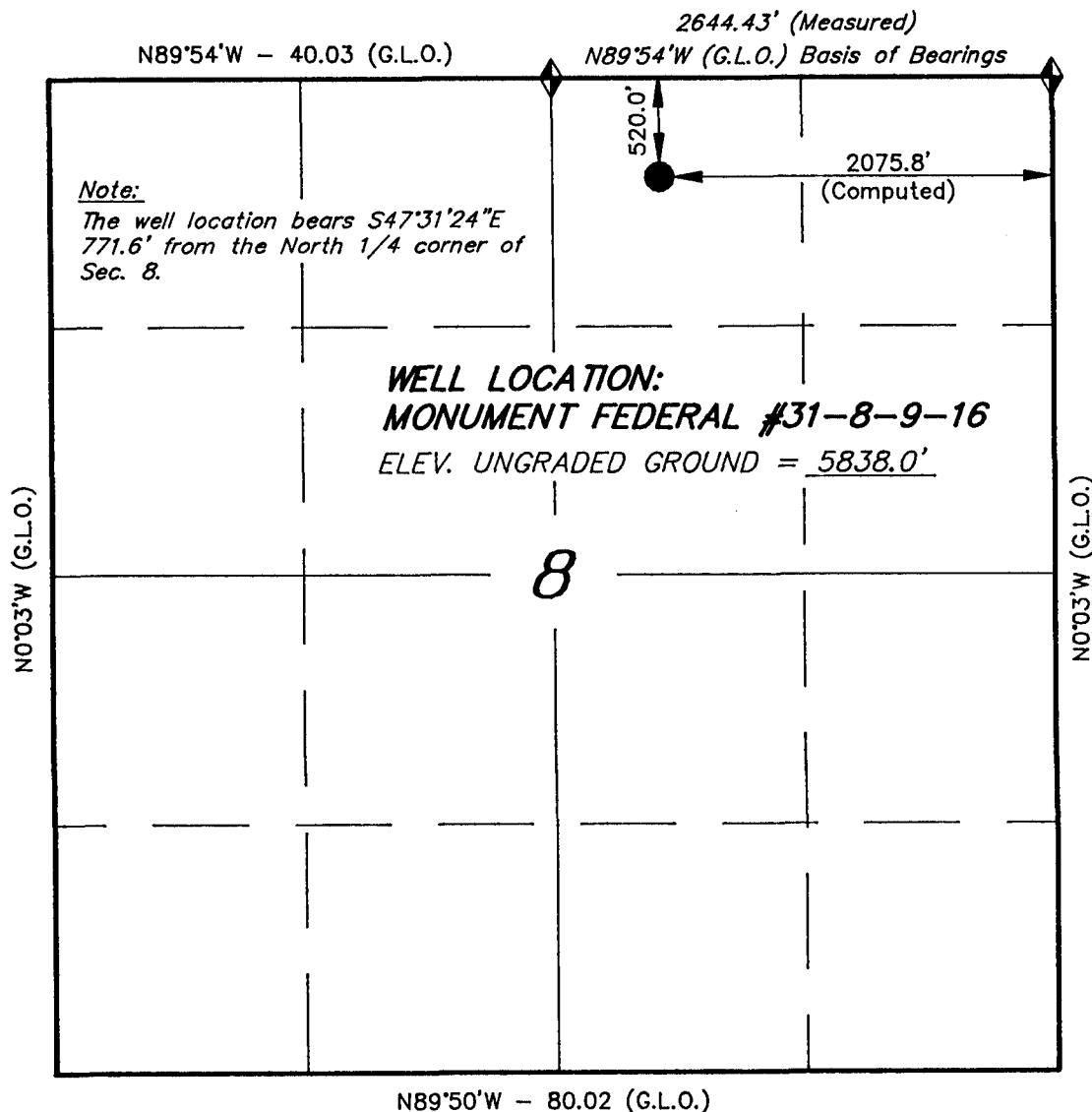


EQUITABLE RESOURCES
ENERGY COMPANY

BALCRON OIL DIVISION

1601 Lewis Avenue
Billings, MT 59104-2
(406) 259-7860

T9S, R16E, S.L.B.&M.



Note:

The well location bears S47°31'24"E 771.6' from the North 1/4 corner of Sec. 8.

**WELL LOCATION:
MONUMENT FEDERAL #31-8-9-16**

ELEV. UNGRADED GROUND = 5838.0'

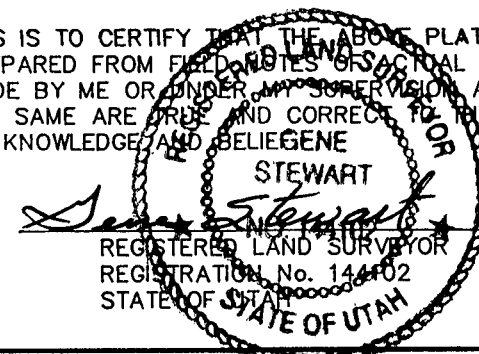
8

EQUITABLE RESOURCES ENERGY CO.

WELL LOCATION, MONUMENT FEDERAL #31-8-9-16, LOCATED AS SHOWN IN THE NW 1/4 NE 1/4 OF SECTION 8, T9S, R16E, S.L.B.&M. DUCHESNE COUNTY, UTAH.



THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.



◆ = SECTION CORNERS LOCATED

BASIS OF ELEV; U.S.G.S. 7-1/2 min QUAD (MYTON SW)

TRI STATE LAND SURVEYING & CONSULTING

38 WEST 100 NORTH - VERNAL, UTAH 84078
(801) 781-2501

SCALE: 1" = 1000'

SURVEYED BY: G.S.

DATE: 9-7-96

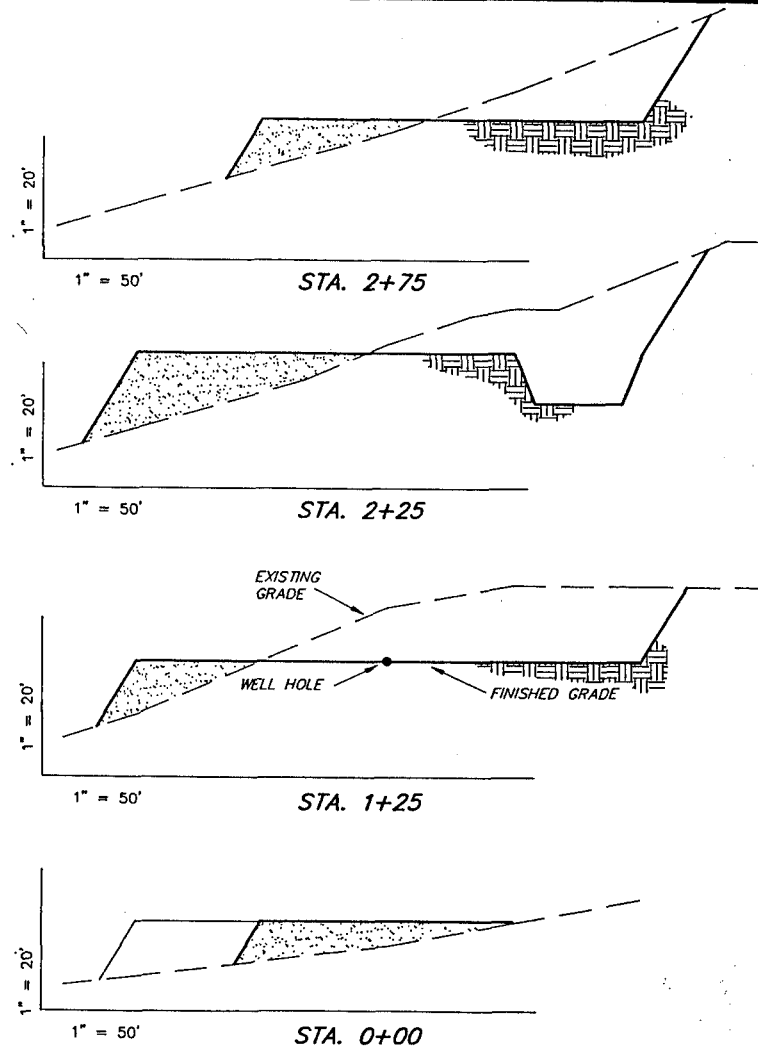
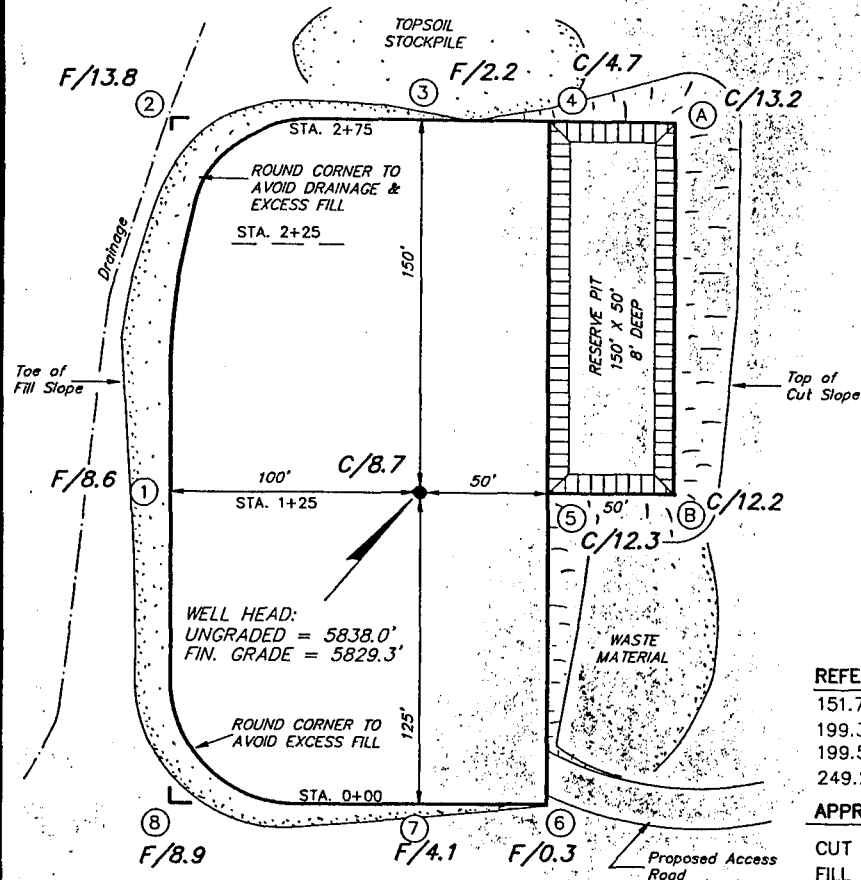
WEATHER: WARM

NOTES:

FILE #

EQUITABLE RESOURCES ENERGY CO.

MONUMENT FEDERAL #31-8-9-16
SEC. 8, T9S, R16E, S.L.B.&M.



REFERENCE POINTS

151.7' EAST = 5814.5'
199.3' EAST = 5810.3'
199.5' SOUTH = 5825.3'
249.2' SOUTH = 5823.3'

APPROXIMATE YARDAGES

CUT = 6,560 Cu. Yds.
FILL = 6,550 Cu. Yds.
PIT = 1,770 Cu. Yds.
6" TOPSOIL = 910 Cu. Yds.

SURVEYED BY: G.S.

DRAWN BY: J.R.S.

DATE: 9-7-96

SCALE: 1" = 50'

FILE:

Tri State
Land Surveying, Inc.

(801) 781-2501

38 WEST 100 NORTH VERNAL, UTAH 84078

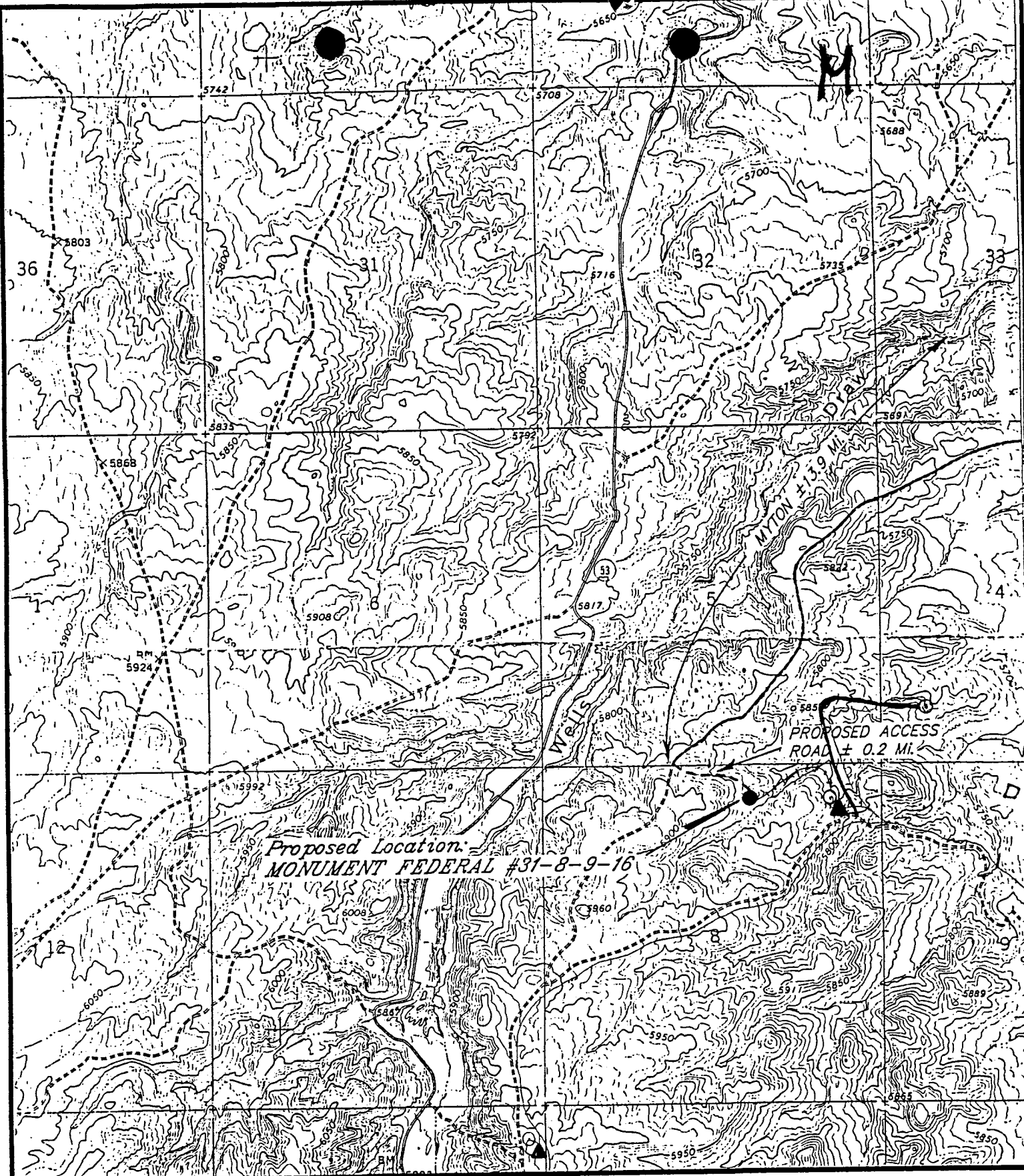
EXHIBIT M

APPLICATION FOR PIPELINE RIGHT-OF-WAY

Please consider this Application for Permit to Drill also as an application for the pipeline (gas gathering system) Right-of-way for this prospective well. See Map EXHIBIT "M" for the pipeline route. This will be a 2" surface line.

Please advise of the costs associated with this Right-of-Way and a check will be forthcoming.

Route will follow existing roads where possible. Operator requests a 30' width for the Right-of-Way with an additional 30' width for working surface as necessary.



Proposed Location:
MONUMENT FEDERAL #31-8-9-16

PROPOSED ACCESS
ROAD ± 0.2 MI.

- | | |
|------------------------------|--------------------------------|
| ▲ existing gas meter | ▲ proposed gas meter |
| ○ existing location | ● proposed location |
| — existing poly surface line | --- proposed poly surface line |
| — existing road | --- proposed road |



SCALE: 1" = 2000'

PROPOSED GAS GATHERING

Monument Federal #31-8-9-16

Sec. 8, T9S, R16E



EQUITABLE RESOURCES
ENERGY COMPANY
WESTERN REGION

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 09/30/96

API NO. ASSIGNED: 43-013-31721

WELL NAME: MONUMENT BUTTE 31-8-9-16
OPERATOR: EQUITABLE RESOURCES (N9890)

PROPOSED LOCATION:

NWNE 08 - T09S - R16E
SURFACE: 0520-FNL-2076-FEL
BOTTOM: 0520-FNL-2076-FEL
DUCHESNE COUNTY
MONUMENT BUTTE FIELD (105)

LEASE TYPE: FED
LEASE NUMBER: UTU - 20255

PROPOSED PRODUCING FORMATION: GRRV

INSPECT LOCATION BY: / /		
TECH REVIEW	Initials	Date
Engineering		
Geology		
Surface		

RECEIVED AND/OR REVIEWED:

☒ Plat
☒ Bond: Federal ☒ State ☐ Fee ☐
 (Number 5547188)
☒ Potash (Y/N)
☒ Oil shale (Y/N)
☒ Water permit
 (Number JOE SHIELDS)
☒ RDCC Review (Y/N)
 (Date: _____)

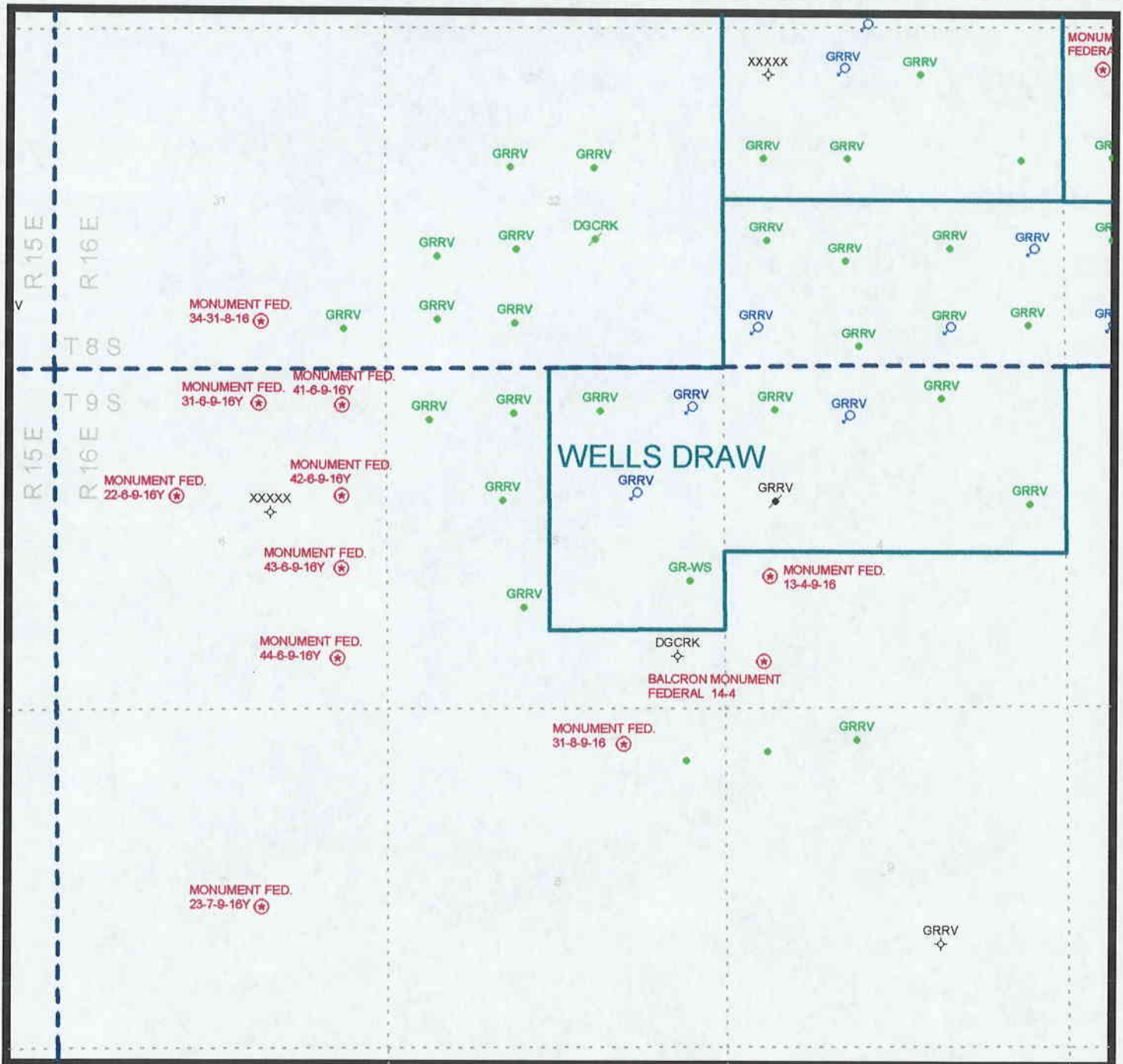
LOCATION AND SITING:

_____ R649-2-3. Unit: _____
☒ R649-3-2. General.
_____ R649-3-3. Exception.
_____ Drilling Unit.
_____ Board Cause no: _____
_____ Date: _____

COMMENTS:

STIPULATIONS:

OPERATOR: EQUITABLE RESOURCES
FIELD: MONUMENT BUTTE (105)
SECTION: 31 T8S, R16E & 4,6,8 T9S R16E
COUNTY: DUCHESNE
SPACING: UAC R649-3-2



PREPARED:
DATE: 30-SEPT-96

STATE OF UTAH, DIV OF OIL, GAS & MINERALS

Operator: EQUITABLE RESOURCES	Well Name: MON BUTTE 31-8-9-16
Project ID: 43-013-31721	Location: SEC. 8 - T9S - R16E

Design Parameters:

Mud weight (8.90 ppg) : 0.462 psi/ft
 Shut in surface pressure : 2402 psi
 Internal gradient (burst) : 0.062 psi/ft
 Annular gradient (burst) : 0.000 psi/ft
 Tensile load is determined using air weight
 Service rating is "Sweet"

Design Factors:

Collapse : 1.125
 Burst : 1.00
 8 Round : 1.80 (J)
 Buttress : 1.60 (J)
 Other : 1.50 (J)
 Body Yield : 1.50 (B)

Length (feet)		Size (in.)	Weight (lb/ft)	Grade	Joint	Depth (feet)	Drift (in.)	Cost
1	6,000	5.500	15.50	K-55	ST&C	6,000	4.825	
	Collapse Load Strgth S.F. (psi) (psi)			Burst Load (psi)	Min Int Strgth (psi)	Yield S.F.	Tension Load Strgth S.F. (kips) (kips)	
1	2774	4040	1.456	2774	4810	1.73	93.00	222 2.39 J

Prepared by : MATTHEWS, Salt Lake City, Utah
 Date : 11-25-1996
 Remarks :

GREEN RIVER

Minimum segment length for the 6,000 foot well is 1,500 feet.

SICP is based on the ideal gas law, a gas gravity of 0.69, and a mean gas

temperature of 116°F (Surface 74°F , BHT 158°F & temp. gradient 1.400°/100 ft.)

String type: Production

The mud gradient and bottom hole pressures (for burst) are 0.462 psi/ft and
 2,774 psi, respectively.

NOTE: The design factors used in this casing string design are as shown above. As a general guideline, Lone Star Steel recommends using minimum design factors of 1.125 - collapse (with evacuated casing), 1.0 - (uniaxial) burst, 1.8 - API 8rd tension, 1.6 - buttress tension, 1.5 - body yield tension, and 1.6 - EUE 8rd tension. Collapse strength under axial tension was calculated based on the Westcott, Dunlop and Kemler curve. Engineering responsibility for use of this design will be that of the purchaser.
 Costs for this design are based on a 1987 pricing model. (Version 1.07)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

Equitable Resources Energy Company

3. Address and Telephone No.

1601 Lewis Avenue; Billings, MT 59102 (406) 259-7860

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

See attached listing

5. Lease Designation and Serial No.
See attached listing

6. If Indian, Allottee or Tribe Name

n/a

7. Unit or CA, Agreement Designation

n/a

8. Well Name and No.

See attached listing

9. API Well No.

10. Field and Pool, or Exploratory Area

Monument Butte/Grn River

11. County or Parish, State

See attached listing

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

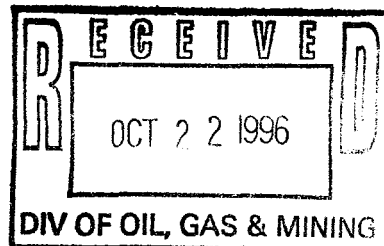
- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other paleontology Reports
☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Attached are to paleontology reports which were done on proposed wellsites, access routes, and gasline routes for the wells on the attached listing.

ORIGINAL: Bureau of Land Management (Vernal, UT)
COPY: Utah Division of Oil, Gas and Mining



14. I hereby certify that the foregoing is true and correct

Signed

Bobbie Schuman

Title

**Regulatory and
Environmental Specialist**

Date

October 21, 1996

(This space for Federal or State office use)

Approved by

Conditions of approval, if any:

Title

Date

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See Instruction on Reverse Side

EQUITABLE RESOURCES ENERGY CO.

MONUMENT FEDERAL #31-8-9-16Y

43-013-31721

NW/NE SECTION 8, T9S, R16E, SLB&M

Duchesne County, Utah

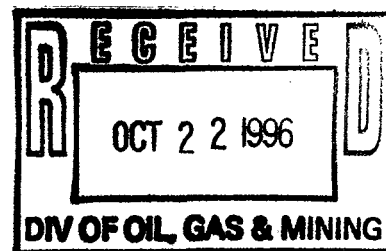
PALEONTOLOGY REPORT

WELLPAD LOCATION AND ACCESS ROAD

BY

ALDEN H. HAMBLIN
PALEONTOLOGIST
P.O. BOX 731
VERNAL, UTAH 84078

OCTOBER 15, 1996



RESULTS OF PALEONTOLOGY SURVEY AT EQUITABLE RESOURCES ENERGY CO. MONUMENT
FEDERAL #31-8-9-16, NW/NE Section 8, T9S, R16E, S.L.B.&M, Duchesne Co., Utah.

Description of Geology and Topography-

This well location is 9 miles south and 4 miles west of Myton, Utah, 1 mile east of Wells Draw. The access road leaves an existing road and runs east across the flat bench top, then down over the edge of the bench and onto the well location. The well location sits on the rise between two drainages and slopes to the east. The bench top surface is covered with gray rock fragments and sand. The last part of the road and the wellpad has outcrops of tan to light green sandstone and mudstone.

All rock outcrops in the area are of the Upper Eocene Uinta Formation, known for its fossil vertebrate fauna of mammals, turtles, crocodilians, and occasional fish remains and plant impressions.

Paleontological material found -

Only one small weathered fragment of turtle shell was found on the road as it descends to the well location. There were a couple of minor plant impressions on the wellpad 118 feet east of the center stake at 99 degrees. This same horizon is exposed on the south side of the draw east of the well location and there are a number of plant impressions including leaf imprints in these rocks.

Recommendations-

The plants in the outcrops in the draw east of the well location are being recorded as a plant locality. This draw is the pipeline route as indicated on the map, but the pipeline will not effect the plant sites.

There is always some potential for encountering significant fossils when working in the Uinta Formation. If important looking fossil material is found during construction, a paleontologist should be called to evaluate it.

No other recommendations are being made for paleontology at this location.

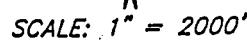
Alden H. Hamblin
Paleontologist

Date October 15, 1996

United States
Department of the Interior
Bureau of Land Management

Paleontological Locality Form

1. Permit #/Permittee: BLM - UT-S-95-004 ALDEN H. HAMBLIN
2. Repository/Accn. #: UTAH FIELD HOUSE OF NATURAL HISTORY
3. Locality #: 42DC287P ☒ Plant ☐ Vertebrate ☐ Invertebrate ☐ Other
4. Formation (and subdivision, if known): Uinta Formation, lower Member
5. Age: Late Eocene
6. County: Duchesne
7. BLM District: VERNAL
8. Resource Area: Diamond Mt.
9. Map name: Myton SW, Utah
10. Map source: U.S.G.S. 7 1/2 min. Quad.
11. Map scale: 1:24,000
12. Map edition: 1964
13. Latitude (deg., min., sec., direction): _____
14. Longitude (deg., min., sec., direction): _____
- or: UTM Grid Zone: 12 T 573703 mE 4433744 mN
573644 mE 4433665 mN
15. Survey (Section, Township & Range): NE.NW,NE, Sec. 8, T9S, R16E, SLBM
16. Taxa observed/collected: Only one small weathered fragment of turtle shell was found on the road as it descends to the well location. There were a couple of minor plant impressions on the wellpad 118 feet east of the center stake at 99 degrees. This same horizon is exposed on the south side of the draw east of the well location and there are a number of plant impressions including leaf imprints in these rocks.
17. Discoverer(s)/Collector(s): Alden H. Hamblin
18. Date(s): October 12, 1996
19. Locality Classification: Class 1 Class 2 Class 3 X Class 4 Class 5
(1 = Critical, 2 = Significant, 3 = Important, 4 = Insignificant, 5 = Unimportant)
20. Remarks: This fossil site was found during the paleontology survey of Equatable Resources Energy Co. Monument Federal #31-8-9-16Y.





State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor

Ted Stewart
Executive Director

James W. Carter
Division Director

355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
801-538-5340
801-359-3940 (Fax)
801-538-5319 (TDD)

November 25, 1996

Equitable Resources Energy Company
1601 Lewis Avenue
Billings, Montana 59102

Re: Monument Federal 31-8-9-16 Well, 520' FNL, 2076' FEL,
NW NE, Sec. 8, T. 9 S., R. 16 E., Duchesne County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. 40-6-1 et seq., Utah Administrative Code R649-3-1 et seq., and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-013-31721.

Sincerely,

R. J. Firth
Associate Director

lwp

Enclosures

cc: Duchesne County Assessor

Bureau of Land Management, Vernal District Office



Operator: Equitable Resources Energy Company
Well Name & Number: Monument Federal 31-8-9-16
API Number: 43-013-31721
Lease: UTU-20255
Location: NW NE Sec. 8 T. 9 S. R. 16 E.

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for Permit to Drill.

2. Notification Requirements

Notify the Division within 24 hours following spudding the well or commencing drilling operations. Contact Jimmie Thompson at (801)538-5336.

Notify the Division prior to commencing operations to plug and abandon the well. Contact Frank Matthews at (801)538-5334 or Mike Hebertson at (801)538-5333.

3. Reporting Requirements

All required reports, forms and submittals shall be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

CONFIDENTIAL
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE*
(Other instructions on reverse)

Form approved.
Budget Bureau No. 1004-0136
Expires August 31, 1985

CONFIDENTIAL 6. LEASE DESIGNATION AND SERIAL NO.
UTU-20255

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒

DEEPEN ☐

PLUG BACK ☐

b. TYPE OF WELL

OIL WELL ☒

GAS WELL ☐

OTHER

SINGLE ZONE ☐

MULTIPLE ZONE ☐

2. NAME OF OPERATOR

Equitable Resources Energy Company

3. ADDRESS OF OPERATOR

1601 Lewis Avenue; Billings, MT 59102 (406) 259-7860

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*

At surface

NW NE Section 8, T9S, R16E

520' FNL, 2076' FEL

At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

From Myton, Utah approximately 10 miles SW

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT.
(Also to nearest drig. unit line, if any)

16. NO. OF ACRES IN LEASE

17. NO. OF ACRES ASSIGNED TO THIS WELL

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.

19. PROPOSED DEPTH

6,000'

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DP, ET, GR, etc.)

GL 5,838'

22. APPROX. DATE WORK WILL START*

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
See Drilling Program/Casing Design				

DIV. OF OIL, GAS & MINING

Operator plans to drill this well in accordance with the attached EXHIBITS. A listing of EXHIBITS is also attached.

RECEIVED

SEP 30 1996

SELF CERTIFICATION: I hereby certify that I am authorized, by proper lease interest owner, to conduct these operations associated with the application. Bond coverage pursuant to 43 CFR 3104 for lease activities is being provided by Equitable Resources Energy Company as principal and Safeco Insurance Company of America as surety under BLM Bond No. MT 0576 (Nationwide Oil & Gas Bond #5547188) who will be responsible for compliance with all of the terms and conditions of that portion of the lease associated with this application.

ORIGINAL: Bureau of Land Management (Vernal, UT)

COPY: Utah Division of Oil, Gas and Mining

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

Bobbie Schuman
Bobbie Schuman

TITLE

Regulatory and
Environmental Specialist

DATE September 25, 1996

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

Assistant Field Manager
Mineral Resources

NOV 26 1996

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

NOTICE OF APPROVAL

CONDITIONS OF APPROVAL ATTACHED

*See Instructions On Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

CONDITIONS OF APPROVAL
APPLICATION FOR PERMIT TO DRILL

Company/Operator: Equitable Resources Energy Company

Well Name & Number: Equitable Monument Federal 31-8-9-16

API Number: 43-013-31721

Lease Number: U - 20255

Location: NWNE Sec. 08 T. 9S R. 16E

NOTIFICATION REQUIREMENTS

- | | | |
|---------------------------------|---|---|
| Location Construction | - | at least forty-eight (48) hours prior to construction of location and access roads. |
| Location Completion | - | prior to moving on the drilling rig. |
| Spud Notice | - | at least twenty-four (24) hours prior to spudding the well. |
| Casing String and Cementing | - | at least twenty-four (24) hours prior to running casing and cementing all casing strings. |
| BOP and Related Equipment Tests | - | at least twenty-four (24) hours prior to initiating pressure tests. |
| First Production Notice | - | within five (5) business days after new well begins, or production resumes after well has been off production for more than ninety (90) days. |

For more specific details on notification requirements, please check the Conditions of Approval for Notice to Drill and Surface Use Program.

CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

All lease and/or unit operations will be conducted in such a manner that full compliance is made with applicable laws, regulations (43 CFR 3100), Onshore Oil and Gas Orders, and the approved plan of operations. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished the field representative to insure compliance.

Be aware fire restrictions may be in effect when location is being constructed and/or when well is being drilled. Contact the appropriate Surface Management Agency for information.

A. DRILLING PROGRAM

1. Estimated Depth at Which Oil, Gas, Water, or Other Mineral Bearing Zones are Expected to be Encountered

Report ALL water shows and water-bearing sands to Tim Ingwell of this office **prior to setting the next casing string or requesting plugging orders**. Faxed ccopies of State of Utah form OGC-8-X are acceptable. If noticeable water flows are detected, submit samples to this office along with any water analyses conducted.

All usable water and prospectively valuable minerals (as described by BLM at onsite) encountered during drilling, will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.

2. Pressure Control Equipment

The BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc., for a **2M** system and individual components shall be operable as designed. Chart recorders shall be used for all pressure tests.

Test charts, with individual test results identified, shall be maintained on location while drilling and shall be made available to a BLM representative upon request.

If an air compressor is on location and is being utilized to provide air for the drilling medium while drilling, the special drilling requirements in Onshore Oil and Gas Order No. 2, regarding air or gas drilling shall be adhered to. If a mist system is being utilized then the requirement for a deduster shall be waived.

The Vernal Field Office shall be notified, at least 24 hours prior to initiating the pressure tests, in order to have a BLM representative on location during pressure testing.

3. Casing Program and Auxiliary Equipment

Surface casing shall have centralizers on the bottom three joints, with a minimum of one centralizer per joint.

As a minimum, the usable water and oil shale resources shall be isolated and/or protected by having a cement top for the production casing at least 200 ft. above the base of the usable water zone, identified at 1,148 ft. If gilsonite is encountered while drilling, it shall be isolated and/or protected via the cementing program.

The Vernal Field Office shall be notified at least 24 hours prior to the running and cementing of all casing strings, in order to have a BLM representative on location while running and cementing all casing strings.

4. Mud Program and Circulating Medium

Hazardous substances specifically listed by the EPA as a hazardous waste or demonstrating a characteristic of a hazardous waste will not be used in drilling, testing, or completion operations.

No chromate additives will be used in the mud system on Federal and Indian lands without prior BLM approval to ensure adequate protection of fresh water aquifers.

5. Coring, Logging and Testing Program

Daily drilling and completion progress reports shall be submitted to this office on a weekly basis.

All Drill Stem tests (DST) shall be accomplished during daylight hours, unless specific approval to start during other hours is obtained from the AO. However, DSTs may be allowed to continue at night if the test was initiated during daylight hours and the rate of flow is stabilized and if adequate lighting is available (i.e., lighting which is adequate for visibility and vaporproof for safe operations). Packers can be released, but tripping should not begin before daylight unless prior approval is obtained from the AO.

A cement bond log (CBL) will be run from the production casing shoe to \pm 948 ft. and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.

Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (Form 3160-4) will be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3164. Two copies of all logs, core descriptions, core analyses, well-test data, geologic summaries, sample description, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed with Form 3160-4. Samples (cuttings, fluids, and/or gases) will be submitted when requested by the AO.

6. Notifications of Operations

No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in a suspended status without prior approval of the AO. If operations are to be suspended, prior approval of the AO will be obtained and notification given before resumption of operations.

The Vernal Field Office shall be notified, during regular work hours (7:45 a.m.-4:30 p.m., Monday through Friday except holidays), at least 24 hours **prior** to spudding the well.

Operator shall report production data to MMS pursuant to 30 CFR 216.5 using form MMS/3160.

Immediate Report: Spills, blowouts, fires, leaks, accidents, or any other unusual occurrences shall be promptly reported in accordance with the requirements of NTL-3A or its revision.

If a replacement rig is contemplated for completion operations, a "Sundry Notice" (Form 3160-5) to that effect will be filed, for prior approval of the AO, and all conditions of this approved plan are applicable during all operations conducted with the replacement rig.

The date on which production is commenced or resumed will be construed for oil wells as the date on which liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which liquid hydrocarbons are first produced into a permanent storage facility, whichever first occurs; and, for gas wells as the date on which associated liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which gas is first measured through permanent metering facilities, whichever first occurs.

Should the well be successfully completed for production, the AO will be notified when the well is placed in a producing status. Such notification will be sent by telegram or other written communication, not later than five (5) days following the date on which the well is placed on production.

Gas produced from this well may not be vented or flared beyond an initial authorized test period of 30 days or 50 MMCF following its completion, whichever occurs first, without the prior written approval of the Authorized Officer. Should gas be vented or flared without approval beyond the authorized test period, the operator may be directed to shut-in the well until the gas can be captured or approval to continue venting or flaring as uneconomic is granted and the operator shall be required to compensate the lessor for that portion of the gas vented or flared without approval which is determined to have been avoidably lost.

A schematic facilities diagram as required by 43 CFR 3162.7-2, 3162.7-3, and 3162.7-4 shall be submitted to the appropriate District Office within thirty (30) days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with 43 CFR 3162.7-4.

No well abandonment operations will be commenced without the prior approval of the AO. In the case of newly drilled dry holes or failures, and in emergency situations, oral approval will be obtained from the AO. A "Subsequent Report of Abandonment" Form 3160-5, will be filed with the AO within thirty (30) days following completion of the well for abandonment. This report will indicate where plugs were placed and the current status of surface restoration. Final abandonment will not be approved until the surface reclamation work required by the approved APD or approved abandonment notice has been completed to the satisfaction of the AO or his representative, or the appropriate Surface Managing Agency.

7. Other Information

All loading lines will be placed inside the berm surrounding the tank battery.

All off-lease storage, off-lease measurement, or commingling onlease or off-lease will have prior written approval from the AO.

The oil and gas measurement facilities will be installed on the well location. The oil and gas meters will be calibrated in place prior to any deliveries. Tests for meter accuracy will be conducted on initial meter installations and at least quarterly thereafter. The AO will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports will be submitted to the Vernal Field Office. All meter measurement facilities will conform with Onshore Oil & Gas Order No. 4 for liquid hydrocarbons and Onshore Oil & Gas Order No. 5 for natural gas measurement.

The use of materials under BLM jurisdiction will conform to 43 CFR 3610.2-3.

There will be no deviation from the proposed drilling and/or workover program without prior approval from the AO. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned will be identified in accordance with 43 CFR 3162.

"Sundry Notice and Report on Wells" (Form 3160-5) will be filed for approval for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.

Section 102(b)(3) of the Federal Oil and Gas Royalty Management Act of 1982, as implemented by the applicable provisions of the operating regulations at Title 43 CFR 3162.4-1(c), requires that "not later than the 5th business day after any well begins production on which royalty is due anywhere on a lease site or allocated to a lease site, or resumes production in the case of a well which has been off production for more than 90 days, the operator shall notify the authorized officer by letter or sundry notice, Form 3160-5, or orally to be followed by a letter or sundry notice, of the date on which such production has begun or resumed."

If you fail to comply with this requirement in the manner and time allowed, you shall be liable for a civil penalty of up to \$10,000 per violation for each day such violation continues, not to exceed a maximum of 20 days. See Section 109(c)(3) of the Federal Oil and Gas Royalty Management Act of 1982 and the implementing regulations at Title 43 CFR 3162.4-1(b)(5)(ii).

APD approval is valid for a period of one (1) year from the signature date. An extension period may be granted, if requested, prior to the expiration of the original approval period.

In the event after-hours approvals are necessary, please contact one of the following individuals:

Ed Forsman (801) 789-7077
Petroleum Engineer

Wayne P. Bankert (801) 789-4170
Petroleum Engineer

Jerry Kenczka (801) 789-1190
Petroleum Engineer

BLM FAX Machine (801) 781-4410

EPA'S LIST OF NONEXEMPT EXPLORATION AND PRODUCTION WASTES

While the following wastes are nonexempt, they are not necessarily hazardous.

- Unused fracturing fluids or acids
- Gas plant cooling tower cleaning wastes
- Painting wastes
- Oil and gas service company wastes, such as empty drums, drum rinsate, vacuum truck rinsate, sandblast media, painting wastes, spent solvents, spilled chemicals, and waste acids
- Vacuum truck and drum rinsate from trucks and drums, transporting or containing nonexempt waste
- Refinery wastes
- Liquid and solid wastes generated by crude oil and tank bottom reclaimers
- Used equipment lubrication oils
- Waste compressor oil, filters, and blowdown
- Used hydraulic fluids
- Waste solvents
- Waste in transportation pipeline-related pits
- Caustic or acid cleaners
- Boiler cleaning wastes
- Boiler refractory bricks
- Incinerator ash
- Laboratory wastes
- Sanitary wastes
- Pesticide wastes
- Radioactive tracer wastes
- Drums, insulation and miscellaneous solids.

SURFACE USE PROGRAM
Conditions of Approval (COAs)

METHODS FOR HANDLING WASTE MATERIALS AND DISPOSAL

The reserve pit shall be lined with a synthetic liner that is a minimum of 12 mil thickness with sufficient bedding to cover any rocks. The liner will overlap the pit walls and be covered with dirt and/or rocks to hold it in place. No trash, scrap pipe, etc., that could puncture the liner will be disposed of in the pit.

Plans For Reclamation Of Location

When reclaiming the reserve pit, the pit liner will be torn and perforated before backfilling the reserve pit and the torn liner will be buried a minimum of four (4) feet deep. If this is a producing well and after the reclamation of the reserve pit, and unused disturbed areas, contact the authorized office to obtain a seed mixture to revegetate these specific areas.

At time of final abandonment the intent of reclamation will be to return the disturbed area to near natural conditions. Recontour the surface of the disturbed area to **blend all cuts, fills, road berms, and borrow ditches to be natural in appearance** with the surrounding terrain. After recontouring of the area any stockpiled topsoil will be spread over the surface, and the area reseeded and revegetated to the satisfaction of the authorized officer of the BLM. Contact the authorized officer of the BLM at the time of reclamation for the required seed mixture.

Other Information

The operator or their contractor shall contact the BLM office at (801)789-1362, 48 hours prior to construction activities.

Raptor Habitat

Due to raptor habitat in the area, if this is a producing well the operator is required to install a multicylinder engine to the pumping unit to limit noise impacts to nesting raptor species.

CONFIDENTIAL

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: EQUITABLE RESOURCES

Well Name: MONUMENT FEDERAL 31-8-9-16

Api No. 43-013-31721

Section 8 Township 9S Range 16E County DUCHESNE

Drilling Contractor UNION

Rig # 17

SPUDDED:

Date 1/15/97

Time

How ROTARY

Drilling will commence

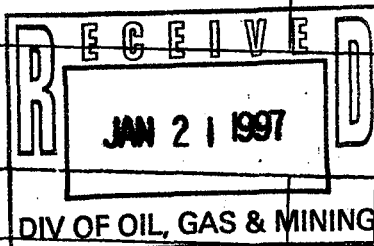
Reported by D. INGRAM

Telephone #

Date: 1/15/97 Signed: JLT

OPERATOR Equitable Resources Energy Company OPERATOR ACCT. NO. N9890
ADDRESS 1601 Lewis Avenue
Billings, MT 59102

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
A	99999	12056	43-013-31721	Monument Federal # 31-8-9-16	NW	8	9S	16E	Duchesne	1/15/97	1/15/97
WELL 1 COMMENTS: <i>Entity added 1-21-97. Jec</i>											
WELL 2 COMMENTS:											
WELL 3 COMMENTS:											
WELL 4 COMMENTS:											
WELL 5 COMMENTS:											



ACTION CONES (See instructions on back of form)

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected.

(3/89)

DATE: January 16, 1997

Lobbie Schuman
Regulatory and
Environmental Specialist
Title ~~XXXXX~~
Phone No. (406) 259-7860

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

5. Lease Designation and Serial No.
UTU-20255

6. If Indian, Allottee or Tribe Name
n/a

7. If Unit or CA, Agreement Designation
n/a

8. Well Name and No.
Mon. Fed. #31-8-9-16

9. API Well No.
43-013-31721

10. Field and Pool, or Exploratory Area
Mon. Butte/Grn River

11. County or Parish, State
Duchesne Co., UT

SUBMIT IN TRIPLICATE

CONFIDENTIAL

1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator
Equitable Resources Energy Company

3. Address and Telephone No.
1601 Lewis Avenue; Billings, MT 59102 (406) 259-7860

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
NW NE Section 8, T9S, R16E
520' FNL, 2076' FEL

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other spud of well

- ☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

This well was spud at 1:30 p.m. 1/15/97.

ORIGINAL: Bureau of Land Management (Vernal, UT)

COPY: Utah Division of Oil, Gas and Mining (With Entity Action Form)

14. I hereby certify that the foregoing is true and correct

Signed Bobbie Schuman
Bobbie Schuman

(This space for Federal or State office use)

Regulatory and
Environmental Specialist

Title

Date

JANUARY 16, 1997

Approved by _____
Conditions of approval, if any:

Title

Date

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See Instruction on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

Equitable Resources Energy Company

3. Address and Telephone No.

1601 Lewis Avenue; Billings, MT 59102 (406) 259-7860

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

NW NE Section 8, T9S, R16E 520' FNL, 2076' FEL

5. Lease Designation and Serial No.
UTU-20255

6. If Indian, Allottee or Tribe Name

n/a

7. If Unit or CA, Agreement Designation

n/a

8. Well Name and No.

Mon. Fed. #31-8-9-16

9. API Well No.

43-013-31721

10. Field and Pool, or Exploratory Area

Mon. Butte/Grn. River

11. County or Parish, State

Sec. 8 T9S, R16E
Duchesne County, UTAH

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other 1st production
☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

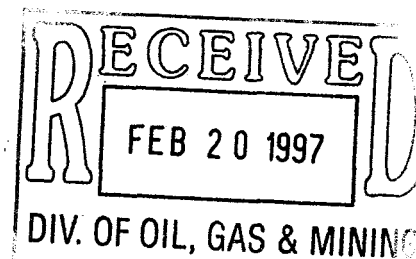
(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

First production on this well was: February 14, 1997

CONFIDENTIAL

ORIGINAL: Bureau of Land Management (Vernal, UT)
COPY: Utah Division of Oil, Gas and Mining



14. I hereby certify that the foregoing is true and correct

Signed

Bobbie Schuman

Title

Regulatory and
Environmental Specialist

Date

February 18, 1997

(This space for Federal or State office use)

Approved by

Conditions of approval, if any:

Title

Date

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See Instruction on Reverse Side

EREC, Western Region
DAILY OPERATING REPORT

MONUMENT FEDERAL #31-8-9-16

Location: NW NE Section 8, T9S, R16E
Duchesne County, Utah
520' FNL, 2076' FEL

---TIGHT HOLE---

PTD: 6,000' **Formation:** Green River
Monument Butte Prospect

API #

Elevations: 5,838' GL

Contractor:

Operator: EREC, Western Region

Spud:

Casing:

Tubing:

01/16/97 TD: 275' (275') Day 1

Present Operation: Cementing 8-5/8" Casing

MIRU. Drill rat & conductor holes. Drill 12-1/4" hole to 275', TOOH, Run 8-5/8" , J-55, 24# csg as follows:

Shoe	.90'
Shoe Joint	41.95'
Baffle Plate	0.00'
5 jts csg	203.35'
Total csg length	246.20'
Landing joint	10.00'
Depth Landed	256.20' KB

Cement csg w/160 sxs "G" + 2% CaCl₂ + 1/4#/sx Cello Flake. Spud well @ 1:30 PM, 1-15-97. Plug down @ 5:45 AM, 1-16-97. Returned 5 bbls cement to pit.

DC: \$4,950

CC: \$4,950

01/17/97 TD: 820' (545') Day 2

Present Operation: Drilling 7-7/8" hole

Ran & cement 8-5/8" csg, WOC. NU BOP stack. Pressure test. TIH, blow H₂O and drill cement. Drill 7-7/8" hole from 275' - to 820' - 545' total, drilled on air-foam. Ran survey @ 600' - 1/4°.

DC: \$9,810

CC: \$15,305

EREC, Western Region
DAILY OPERATING REPORT

MONUMENT FEDERAL #31-8-9-16

Location: NW NE Section 8, T9S, R16E
Duchesne County, Utah
520' FNL, 2076' FEL
PTD: 6,000' Formation: Green River
Monument Butte Prospect

---TIGHT HOLE---

01/18/97 TD: 2076' (1531') Day 3
Present Operation: Run Survey - Drill 7-7/8" hole
Drilled 1531' of 7-7/8" hole, ran 2 surveys: 1550' - 1° and 2050' - 1-1/4°. Service rig and slip drilling line.
DC: \$27,558 CC: \$42,863

01/19/97 TD: 3265' (1189') Day 4
Present Operation: Drilling 7-7/8" hole
The rig has made 1189' of new hole. Run 2 surveys: 2525' - 2° and 3050' 1-3/4°, service rig.
DC: \$21,402 CC: \$64,265

01/20/97 TD: 4101' (836') Day 5
Present Operation: TIH w/Motor & Bit #4
Drilled 836' of 7-7/8" w/air & foam. Circulate hole @ 4101'. Trip out of hole for mud motor & bit #4. Ran 2 surveys: 3550' - 1-3/4° and 4101' - 2°.
DC: \$15,048 CC: \$79,313

01/21/97 TD: 4865' (764') Day 6
Present Operation: Drilling 7-7/8" hole
Circulate hole, TIH w/mud motor. Drill 764' of new 7-7/8" hole, run surveys, hold BOP. Drill and service rig, drilling 50-55 min kelly on fluid.
DC: \$13,752 CC: \$93,065

01/22/97 TD: 5710' (845') Day 7
Present Operation: Drilling 7-7/8" hole
Drilled for 22.5 hours and made 845' of new 7-7/8" hole. Spent 3/4 of an hour running surveys @ 5100' - 1-1/2° & 5600' - 2°. Service rig.
DC: \$15,210 CC: \$108,275

01/23/97 TD: 6000' (290') Day 8
Present Operation: Run 5-1/2" Csg
Drill 290' of 7-7/8" hole. TD well @ 6000', circulate hole, TOOH, LD drill pipe & collars. Blow out kelly hose, log well. RU and running 5-1/2" csg at report time.
DC: \$5,220 CC: \$113,495

01/24/97 TD: 6000' (0') Day 9
Present Operation: Shut Down
Finished running 5-1/2" , J-55, 15.5# csg as follows:
Shoe .90'
Shoe Joint 42.58'

Float Collar	1.10'
143 Joints Casing	5930.34'
Total Casing Length	5974.92'
Landing Joint	10.00'
Depth Landed	5984.92' KB
PBTD	5940.34' KB

Cement by BJ Services as follows: Lead = 240 sxs Premium Lite + 10% Gel + 6#/sx BA-91 + .5% Sod met + 2#/sx Kolseal + 1/4#/sx Cello Flake. Tail = 390 sxs 50/50 poz + 1/4#/sx Cello Flake + 2#/sx Kolseal. Calculated cement top @ 900' + 20% excess. Plug down @ 10:00 AM. Release Rig @ 7:00 PM.

- 01/24/97 Completion
Dress up location, set rig anchors, set rig pump & tanks. MIRU Cannon Well Service Rig #2. NU 5-M well head, NU BOP.
- 01/25/97 Completion
TIH w/4-3/4" bit, 5-1/2" csg scrapper & 192 jts 2-7/8" tbhg. Tag PBTD @ 5939' KB. Circulate hole clean w/140 bbls 2% KCL wtr. Press test csg & BOP to 1000 psi, OK. TOOHH w/tbhg & tools. SWI until 01/27/97.
DC: \$4,628 CC: \$118,123
- 01/27/97 Completion
RU Schlumberger to run CBL & perf. Run CBL from 5925' KB to 100' KB w/1000 psi. TOC @ 560' KB. Perf 5225' - 5228', 5233' - 5240', 5241' - 5250', 5260' - 5270', 1 SPF & 5355' - 5358', 4 SPF. TIH w/TS RBP, retrieving tool, 2-3/8" x 4' sub, HD pkr, 2-7/8" SN & 170 jts 2-7/8" tbhg. Could not set BP, trip for BP. Set BP @ 5301' KB, EOT @ 5173' KB, pkr @ 5166' KB. Break down 5225' - 5270' w/2268 gals 2% KCL wtr. ATP = 1600 psi, ATR = 3.4 bpm, ISIP = 1100 psi. Used 54 bbls wtr. Reset BP @ 5426' KB, EOT @ 5305' KB, pkr @ 5298' KB. Break down 5355' - 5358' w/1890 gals 2% KCL wtr. ATP = 3000 psi, ATR = 3.2 bpm, ISIP = 2000 psi. Flowed back 18 bbls wtr. TOOHH w/tbhg, pkr & retrieving tool. SWIFN.
DC: \$8,520 CC: \$126,643
- 01/28/97 Completion
RU BJ Services & frac 5225' - 5358' w/26,964 gals 2% KCL gelled wtr, 29,840 lbs 20/40 mesh sand & 69,160 lbs 16/30 mesh sand. ATP = 2350 psi, ATR = 33.0 bpm, ISIP = 4570 psi, 5 min = 1550 psi, 10 min = 1540 psi, 15 min = 1500 psi, 30 min = 1500 psi. Used 642 bbls wtr. Start forced closure flow back, .5 bpm. Flow back 162 bbls wtr, trace of sand. TIH w/retrieving tool, 2-3/8" x 4' sub, HD pkr, 2-7/8" SN & 166 jts 2-7/8" tbhg. Tag sand @ 5142' KB. Circulate down to BP @ 5426' KB. Set pkr @ 5166' KB. SWIFD.
DC: \$31,217 CC: \$157,860
- 1/29/97 Completion
Start flowing well back. Refer to Flow Report. Flow Back 69 bbls oil, 141 bbls water, trace of sand. Oil 70% last 1 hr, good gas. Release pkr, pump 20 bbls water to kill well. Tag sand at 5380' KB. Circulate down to BP at 5426' KB. Release BP, reset BP at 4493' KB. TOOHH w/tbhg, pkr and retrieving tool.
DC: \$5,477 CC: \$163,337

01/30/97 Completion
 RU Schlumberger & perf 4259' - 4268' & 4274' - 4278', 2 SPF. 4303' - 4315', 4326' - 4336', & 4353' - 4372', 4 SPF. TIH w/retrieving tool, 2-3/8" x 4' sub, HD pkr, 2-7/8" SN & 136 jts 2-7/8" tbg. Set pkr @ 4233' KB, EOT @ 4240' KB. RU BJ Services & break down 4259' - 4372' w/5628 gals 2% KCL wtr. ATP = 2000 psi, ATR = 6.2 bpm, ISIP = 1350 psi. Used 134 bbls wtr. TOO H w/tbg, pkr & retrieving tool. Flowed back 22 bbls wtr. SWIFD.
 DC: \$8,663 CC: \$172,000

01/31/97 Completion
 RU GJ Services & frac 4259' - 4372' w/45,194 gals 2% KCL gelled wtr and 162,000 lbs 16/30 mesh sand. ATP = 2150 psi, ATR = 41.9 bpm, ISIP = 2450 psi, 5 min = 1940 psi, 10 min = 1660 psi, 15 min = 1550 psi, 30 min = 1320 psi. Start forced closure flow back, .75 bpm. Tag frac w/2 isotopes. IR-192 & SC-46. Flow back 280 bbls wtr, 1% sand. TIH w/retrieving tool, 2-3/8" x 4' sub, HD pkr, 2-7/8" SN & 136 jts 2-7/8" tbg. Tag sand @ 4231' KB. Circulate down to BP @ 4493' KB. Set pkr @ 4233' KB. SWIFD.
 DC: \$50,683 CC: \$222,683

02/01/97 Completion
 Fluid at surface. Thaw well head. Bleed well down. Made 37 swab runs. Recovered trace of oil, 180 bbls wtr, trace of sand & good gas. Fluid level @ 2300' last 2 runs. Shut well in until 2-3-97.
 DC: \$1,928 CC: \$224,611

02/03/97 Completion
 Could not get swab down past 100'. Flush tbg w/20 bbls hot wtr. Made 17 swab runs. Recovered 5 bbls oil, 79 bbls wtr & good gas. No sand. Oil 15% last 2 runs. Fluid level 2100' last run. Release pkr, tag sand @ 4484' KB. Circulate down to BP @ 4493' KB. Reset BP @ 4678' KB. Circulate hole clean. Set pkr @ 4233' KB. SWIFN.
 DC: \$1,990 CC: \$226,601

02/04/97 Completion
 Circulate hole clean w/hot water. POOH w/10 jts tbg, leave pkr unset. RU PLS w/slick line to run protechnics tracer logging tool. Log from 4661' KB to 4100' KB. RD PLS & Protechnics. Will get definite results of trace log on 2-5-97. Circulate hole w/35 bbls wtr. Release BP. TOO H w/tbg, pkr & BP. TIH w/tbg string as follows:

	<u>LENGTH</u>	<u>DEPTH KB</u>
1 - Notched-pinned collar, 2-7/8"	.40'	5419.35'
1 - Jt 2-7/8", EUE, J-55, 8rd, 6.5#	29.80'	5418.95'
1 - Perf sub, 2-7/8" x 4'	4.20'	5389.15'
1 - SN, 2-7/8"	1.10'	5384.95'
37 - Jts 2-7/8", EUE, J-55, 8rd, 6.5#	1150.85'	5383.85'
1 - tbg anchor, 2-7/8" x 5-1/2" (TRICO)	2.75'	4233.00'
136 - Jts 2-7/8", EUE, J-55, 8rd, 6.5#	4220.25'	4230.25'
KB	10.00'	

ND BOP, ND 5-M well head, NU 3-M well head. Set tbg anchor w/10" of tension. Flange up well head. Prepare to run rods. SWIFD.
 DC: \$350 CC: \$226,951

02/05/97 Completion

TIH w/rod string as follows:

1 - DHP, 2-1/2 x 1-1/2 x 16 RWAC w/SM plunger (TRICO #1220)

1 - Pony, 7/8" x 2' w/2-1/2" guide

1 - K-bar 1-1/2" x 25'

1 - Pony, 7/8" x 2' w/2-1/2" guide

213 - 3/4" x 25' D-61 Plain

1 - 3/4" x 6' Pony

1 - Polish rod, 1-1/4" x 22' SM

Press test DHP & tbg to 1000 psi, OK. Shut well in. RDMO.

DC: \$23,983

CC: \$250,934

02/14/97

Start well pumping. 6-3/4 SPM, 84" stroke.

DC: \$38,980

CC: \$289,914

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

(See other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0137
Expires August 31, 1985

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other ☐
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. REVER. ☐ Other ☐

2. NAME OF OPERATOR
EQUITABLE RESOURCES ENERGY COMPANY

3. ADDRESS OF OPERATOR
1601 LEWIS AVENUE BILLINGS, MT 59102 (406)259-7860

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface 520' FNL & 2076' FEL

At top prod. interval reported below

At total depth

CONFIDENTIAL

4. PERMIT NO. 43-013-31721 DATE ISSUED 11-25-96

15. DATE SPUNDED 1-15-97 16. DATE T.D. REACHED 1-23-97 17. DATE COMPL. (Ready to prod.) 2-14-97 18. ELEVATIONS (DF, AKB, RT, GR, ETC.)* 5838' GL 19. ELEV. CASINGHEAD n/a

20. TOTAL DEPTH, MD & TVD 6000' 21. PLUG, BACK T.D., MD & TVD 5939' 22. IF MULTIPLE COMPL., HOW MANY* n/a 23. INTERVALS DRILLED BY SFC-TD 24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)* 4259'-5358' GREEN RIVER 25. WAS DIRECTIONAL SURVEY MADE NO

26. TYPE ELECTRIC AND OTHER LOGS RUN ZDL/CN/GR DLL/GR mud log CBL 1-29-97 27. WAS WELL CORED NO

28. CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8"	24#	256.20'KB	12-1/4"	160 sxs "G" w/additives	NONE
5-1/2"	15.5#	5984.92'KB	7-7/8"	240 sxs "G" + 390 sxs	NONE
				50/50 poz w/additives	

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
n/a					2-7/8"	5939'KB	n/a

31. PERFORATION RECORD (Interval, size and number)				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
4259'-68' (2 SPF)	4353'-72' (4 SPF)			DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
4274'-78' (2 SPF)	5225'-28' (1 SPF)			(SEE ATTACHMENT FOR DETAILS)	
4303'-15' (4 SPF)	5233'-50' (1 SPF)				
4326'-36' (4 SPF)	5260'-70' (1 SPF)				
	5355'-58' (4 SPF)				

33. PRODUCTION							
DATE FIRST PRODUCTION 2-14-97		PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump) 1-1/2" Insert Pump				WELL STATUS (Producing or shut-in) Producing	
DATE OF TEST 2-17-97	HOURS TESTED 21	CHOKE SIZE n/a	PROD'N. FOR TEST PERIOD	OIL--BBL. 194	GAS--MCF. 93	WATER--BBL. 23	GAS-OIL RATIO 0.48 MCF/BBL
FLOW. TUBING PRESS. n/a	CASING PRESSURE n/a	CALCULATED 24-HOUR RATE	OIL--BBL. 194	GAS--MCF. 93	WATER--BBL. 23	OIL GRAVITY-API (CORR.) 34	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Used for fuel. TEST WITNESSED BY Dale Griffin

35. LIST OF ATTACHMENTS #32.

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED Molly Conrad TITLE Operations Tech. DATE 4-11-97

*(See Instructions and Spaces for Additional Data on Reverse Side)

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):

38.

GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
			NO DST's run./	Green River	1600'	1600'
				Horse Bench S.S.	2306'	2306'
				2nd Garden Gulch	4000'	4000'
				Yellow Marker	4638'	4638'
				Douglas Creek	4789'	4789'
				2nd Garden Gulch	5024'	5024'
				Green Marker	5164'	5164'
				Black Shale Facies	5444'	5444'
				Carbonate Marker	5674'	5674'

**Attachment to Completion Report
Monument Federal #31-8-9-16
NW NE Section 8, T9S, R16E
Duchesne County, Utah**

<u>Depth Interval</u>	<u>Amount and Kind of Material Used</u>
5355' - 5358	Break down with 1890 gallons 2% KCL water.
5225' - 5270'	Break down with 2268 gallons 2% KCL water.
5225' - 5358'	Fracture with 29,840# 20/40 mesh sand and 69,160# 16/30 mesh sand with 26,964 gallons 2% KCL gelled water.
4259' - 4372'	Break down with 5628 gallons 2% KCL water. Fracture with 163,146# 16/30 mesh sand with 45,194 gallons 2% KCL gelled water.

/mc

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

REPORT OF WATER ENCOUNTERED DURING DRILLING

1. Well name and number: Monument federal #31-8-9-16API number: 43-013-317212. Well Location: QQ NWNE Section 8 Township 9S Range 16E County Duchesne3. Well operator: Equitable Resources Energy CompanyAddress: 1601 Lewis AvenueBillings, MT 59102Phone: (406) 259-78604. Drilling contractor: Union DrillingAddress: Drawer 40Buckhammon, WV 26201Phone: (304) 472-4610

5. Water encountered (attach additional pages as needed):

DEPTH		VOLUME (FLOW RATE OR HEAD)	QUALITY (FRESH OR SALTY)
FROM	TO		
		No measurable water encountered during drilling operations.	

6. Formation tops: Please see original completion report.

If an analysis has been made of the water encountered, please attach a copy of the report to this form.

I hereby certify that this report is true and complete to the best of my knowledge. Date: 4-11-97Name & Signature: Molly Conrad, Title: Operations Technician

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

EQUITABLE RESOURCES ENERGY COMPANY

3. Address and Telephone No.

1601 LEWIS AVENUE BILLINGS, MT 59102 (406) 259-7860

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

NW NE Section 8, T9S, R16E
520' FNL & 2076' FEL

5. Lease Designation and Serial No.
UTU-20255

6. If Indian, Allottee or Tribe Name

n/a

7. If Unit or CA, Agreement Designation

n/a

8. Well Name and No.

Mon. Fed. #31-8-9-16

9. API Well No.

#43-013-31721

10. Field and Pool, or Exploratory Area

Mon. Butte/Green River

11. County or Parish, State

Duchesne County, Utah

12. CHECK APPROPRIATE BOX(es) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☒ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other Onshore Order #7
☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Any water produced by this well will be held in a produced water tank and trucked to a commercial disposal facility. The primary facility to be used is the R.N. Industries produced water disposal facility located in Section 9, T2S, R2W in Duchesne County, Utah. A copy of the State-issued permit for that facility is on file at the Vernal Bureau of Land Management. If for some reason the operator is unable to use this primary disposal facility, the produced water will be trucked to another State-approved disposal facility. If applicable, Operator has received approved Right-of-Way access to this well location for the Vernal Bureau of Land Management.

14. I hereby certify that the foregoing is true and correct

Signed Dobbie Schuman

Title Regulatory Specialist

Date 4-1-97

(This space for Federal or State office use)

Approved by _____
Conditions of approval, if any:

Title _____

Date _____

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See instruction on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

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Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

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4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

NW NE SECTION 8, T9S, R16E
520' FNL & 2076' FEL

5. Lease Designation and Serial No.

UTU-20255

6. If Indian, Allottee or Tribe Name

n/a

7. If Unit or CA, Agreement Designation

n/a

8. Well Name and No.

Mon. Fed. #31-8-9-16

9. API Well No.

#43-013-31721

10. Field and Pool, or Exploratory Area

Mon. Butte/Green River

11. County or Parish, State

Duchesne County, Utah

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☒ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other Site Security Diagram
☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Attached is a Site Security Diagram for this well.

14. I hereby certify that the foregoing is true and correct

Signed Bobbie Schuman

Title Regulatory Specialist

Date 4-1-97

(This space for Federal or State office use)

Approved by _____
Conditions of approval, if any:

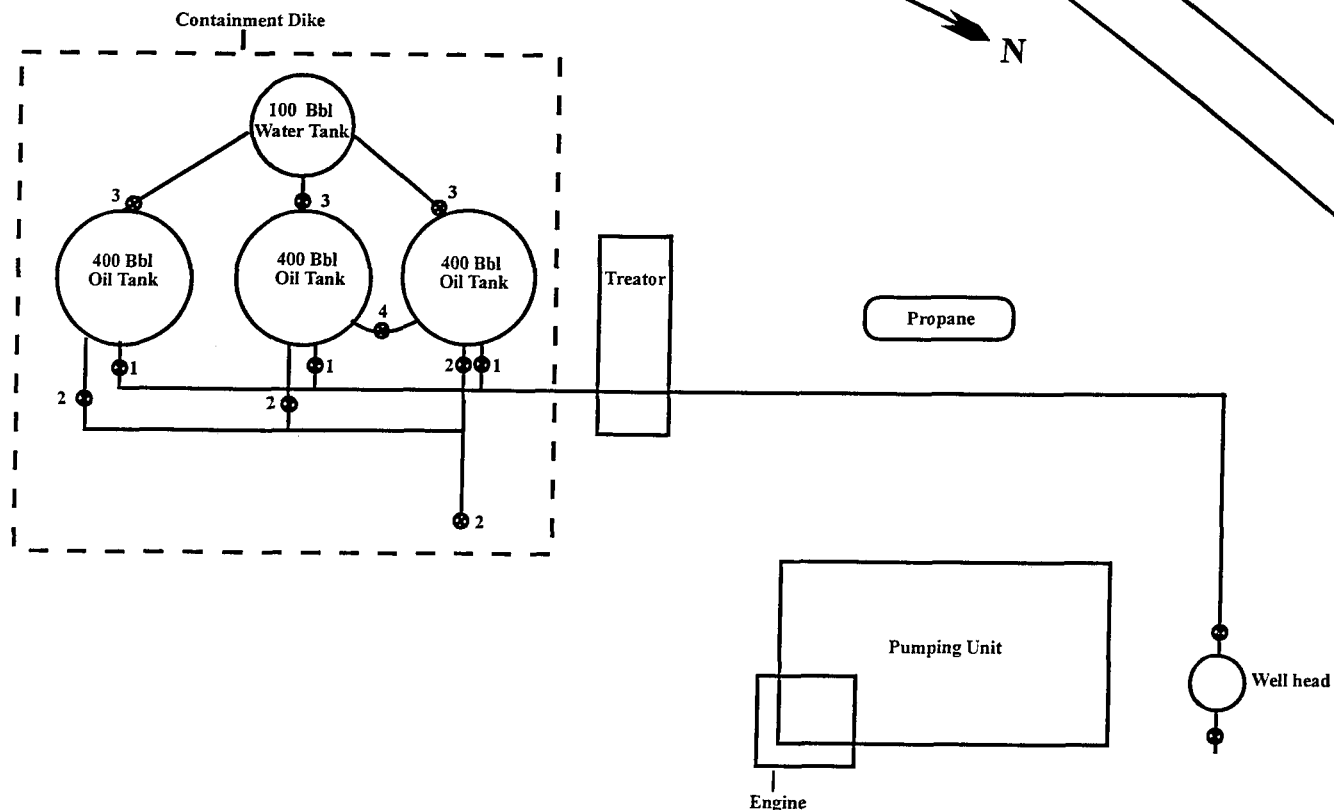
Title _____ Date _____

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*See instruction on Reverse Side

EQUITABLE RESOURCES ENERGY COMPANY
Monument Federal 31-8-9-16
PRODUCTION FACILITY DIAGRAM

Monument Federal 31-8-9-16
 NW NE Sec 8, T9S, R16E
 DUCHESNE COUNTY, UTAH
 FEDERAL LEASE #UTU-20255



Valve Description

	During Prod.	During Sale	During Water Drain
Valve #1	Open	Closed	Closed
Valve #2	Closed	Open	Closed
Valve #3	Closed	Closed	Open
Valve #4	Open	Closed	Closed

Diagram Not To Scale



PLAN LOCATED AT:

EQUITABLE RESOURCES
ENERGY COMPANY
Western Region

1601 Lewis Avenue
 Billings, MT 59102
 (406) 259-7860

March 19, 1997

EREC, Western Region
DAILY OPERATING REPORT

MONUMENT FEDERAL #31-8-9-16

Location: NW NE Section 8, T9S, R16E
Duchesne County, Utah
520' FNL, 2076' FEL

---TIGHT HOLE---

PTD: 6,000' Formation: Green River
Monument Butte Prospect

API #

Elevations: 5,838' GL

Contractor:

Operator: EREC, Western Region

Spud:

Casing:

Tubing:

01/16/97 TD: 275' (275') Day 1

Present Operation: Cementing 8-5/8" Casing

MIRU. Drill rat & conductor holes. Drill 12-1/4" hole to 275', TOO H, Run 8-5/8", J-55, 24# csg as follows:

Shoe	.90'
Shoe Joint	41.95'
Baffle Plate	0.00'
5 jts csg	203.35'
Total csg length	246.20'
Landing joint	10.00'
Depth Landed	256.20' KB

Cement csg w/ 160 sxs "G" + 2% CaCl₂ + 1/4#/sx Cello Flake. Spud well @ 1:30 PM, 1-15-97. Plug down @ 5:45 AM, 1-16-97. Returned 5 bbls cement to pit.

DC: \$4,950

CC: \$4,950

01/17/97 TD: 820' (545') Day 2

Present Operation: Drilling 7-7/8" hole

Ran & cement 8-5/8" csg, WOC. NU BOP stack. Pressure test. TIH, blow H₂O and drill cement. Drill 7-7/8" hole from 275' - to 820' - 545' total, drilled on air-foam. Ran survey @ 600' - 1/4".

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EREC, Western Region
DAILY OPERATING REPORT

MONUMENT FEDERAL #31-8-9-16

Location: NW NE Section 8, T9S, R16E
Duchesne County, Utah
520' FNL, 2076' FEL
PTD: 6,000' Formation: Green River
Monument Butte Prospect

---TIGHT HOLE---

01/18/97 TD: 2076' (1531') Day 3
Present Operation: Run Survey - Drill 7-7/8" hole
Drilled 1531' of 7-7/8" hole, ran 2 surveys: 1550' - 1° and 2050' - 1-1/4°. Service rig and slip drilling line.
DC: \$27,558
CC: \$42,863

01/19/97 TD: 3265' (1189') Day 4
Present Operation: Drilling 7-7/8" hole
The rig has made 1189' of new hole. Run 2 surveys: 2525' - 2° and 3050' 1-3/4°, service rig.
DC: \$21,402
CC: \$64,265

01/20/97 TD: 4101' (836') Day 5
Present Operation: TIH w/Motor & Bit #4
Drilled 836' of 7-7/8" w/air & foam. Circulate hole @ 4101'. Trip out of hole for mud motor & bit #4. Ran 2 surveys: 3550' - 1-3/4° and 4101' - 2°. ,
DC: \$15,048
CC: \$79,313

01/21/97 TD: 4865' (764') Day 6
Present Operation: Drilling 7-7/8" hole
Circulate hole, TIH w/mud motor. Drill 764' of new 7-7/8" hole, run surveys, hold BOP. Drill and service rig, drilling 50-55 min kelly on fluid.
DC: \$13,752
CC: \$93,065

01/22/97 TD: 5710' (845') Day 7
Present Operation: Drilling 7-7/8" hole
Drilled for 22.5 hours and made 845' of new 7-7/8" hole. Spent ¾ of an hour running surveys @ 5100' - 1-1/2° & 5600' - 2°. Service rig.
DC: \$15,210
CC: \$108,275

01/23/97 TD: 6000' (290') Day 8
Present Operation: Run 5-1/2" Csg
Drill 290' of 7-7/8" hole. TD well @ 6000', circulate hole, TOOH, LD drill pipe & collars. Blow out kelly hose, log well. RU and running 5-1/2" csg at report time.
DC: \$5,220
CC: \$113,495

01/24/97 TD: 6000' (0') Day 9
Present Operation: Shut Down
Finished running 5-1/2" , J-55, 15.5# csg as follows:
Shoe .90'
Shoe Joint 42.58'

Float Collar	1.10'
143 Joints Casing	5930.34'
Total Casing Length	5974.92'
Landing Joint	10.00'
Depth Landed	5984.92' KB
PBTD	5940.34' KB

Cement by BJ Services as follows: Lead = 240 sxs Premium Lite + 10% Gel + 6#/sx BA-91 + .5% Sod met + 2#/sx Kolseal + ¼#/sx Cello Flake. Tail = 390 sxs 50/50 poz + ¼#/sx Cello Flake + 2#/sx Kolseal. Calculated cement top @ 900' + 20% excess. Plug down @ 10:00 AM. Release Rig @ 7:00 PM.

- 01/24/97 Completion
Dress up location, set rig anchors, set rig pump & tanks. MIRU Cannon Well Service Rig #2. NU 5-M well head, NU BOP.
- 01/25/97 Completion
TIH w/4-3/4" bit, 5-1/2" csg scrapper & 192 jts 2-7/8" tbg. Tag PBTD @ 5939' KB. Circulate hole clean w/140 bbls 2% KCL wtr. Press test csg & BOP to 1000 psi, OK. TOO H w/tbg & tools. SWI until 01/27/97.
DC: \$4,628 CC: \$118,123
- 01/27/97 Completion
RU Schlumberger to run CBL & perf. Run CBL from 5925' KB to 100' KB w/1000 psi. TOC @ 560' KB. Perf 5225' - 5228', 5233' - 5240', 5241' - 5250', 5260' - 5270', 1 SPF & 5355' - 5358', 4 SPF. TIH w/TS RBP, retrieving tool, 2-3/8" x 4' sub, HD pkr, 2-7/8" SN & 170 jts 2-7/8" tbg. Could not set BP, trip for BP. Set BP @ 5301' KB, EOT @ 5173' KB, pkr @ 5166' KB. Break down 5225' - 5270' w/2268 gals 2% KCL wtr. ATP = 1600 psi, ATR = 3.4 bpm, ISIP = 1100 psi. Used 54 bbls wtr. Reset BP @ 5426' KB, EOT @ 5305' KB, pkr @ 5298' KB. Break down 5355' - 5358' w/1890 gals 2% KCL wtr. ATP = 3000 psi, ATR = 3.2 bpm, ISIP = 2000 psi. Flowed back 18 bbls wtr. TOO H w/tbg, pkr & retrieving tool. SWIFN.
DC: \$8,520 CC: \$126,643
- 01/28/97 Completion
RU BJ Services & frac 5225' - 5358' w/26,964 gals 2% KCL gelled wtr, 29,840 lbs 20/40 mesh sand & 69,160 lbs 16/30 mesh sand. ATP = 2350 psi, ATR = 33.0 bpm, ISIP = 4570 psi, 5 min = 1550 psi, 10 min = 1540 psi, 15 min = 1500 psi, 30 min = 1500 psi. Used 642 bbls wtr. Start forced closure flow back, .5 bpm. Flow back 162 bbls wtr, trace of sand. TIH w/retrieving tool, 2-3/8" x 4' sub, HD pkr, 2-7/8" SN & 166 jts 2-7/8" tbg. Tag sand @ 5142' KB. Circulate down to BP @ 5426' KB. Set pkr @ 5166' KB. SWIFD.
DC: \$31,217 CC: \$157,860
- 1/29/97 Completion
Start flowing well back. Refer to Flow Report. Flow Back 69 bbls oil, 141 bbls water, trace of sand. Oil 70% last 1 hr, good gas. Release pkr, pump 20 bbls water to kill well. Tag sand at 5380' KB. Circulate down to BP at 5426' KB. Release BP, reset BP at 4493' KB. TOO H w/tbg, pkr and retrieving tool.
DC: \$5,477 CC: \$163,337

- 01/30/97 Completion
RU Schlumberger & perf 4259' - 4268' & 4274' - 4278', 2 SPF. 4303' - 4315', 4326' - 4336', & 4353' - 4372', 4 SPF. TIH w/retrieving tool, 2-3/8" x 4' sub, HD pkr, 2-7/8" SN & 136 jts 2-7/8" tbg. Set pkr @ 4233' KB, EOT @ 4240' KB. RU BJ Services & break down 4259' - 4372' w/5628 gals 2% KCL wtr. ATP = 2000 psi, ATR = 6.2 bpm, ISIP = 1350 psi. Used 134 bbls wtr. TOO H w/tbg, pkr & retrieving tool. Flowed back 22 bbls wtr. SWIFD.
DC: \$8,663
CC: \$172,000
- 01/31/97 Completion
RU GJ Services & frac 4259' - 4372' w/45,194 gals 2% KCL gelled wtr and 162,000 lbs 16/30 mesh sand. ATP = 2150 psi, ATR = 41.9 bpm, ISIP = 2450 psi, 5 min = 1940 psi, 10 min = 1660 psi, 15 min = 1550 psi, 30 min = 1320 psi. Start forced closure flow back, .75 bpm. Tag frac w/2 isotopes. IR-192 & SC-46. Flow back 280 bbls wtr, 1% sand. TIH w/retrieving tool, 2-3/8" x 4' sub, HD pkr, 2-7/8" SN & 136 jts 2-7/8" tbg. Tag sand @ 4231' KB. Circulate down to BP @ 4493' KB. Set pkr @ 4233' KB. SWIFD.
DC: \$50,683
CC: \$222,683
- 02/01/97 Completion
Fluid at surface. Thaw well head. Bleed well down. Made 37 swab runs. Recovered trace of oil, 180 bbls wtr, trace of sand & good gas. Fluid level @ 2300' last 2 runs. Shut well in until 2-3-97.
DC: \$1,928
CC: \$224,611
- 02/03/97 Completion
Could not get swab down past 100'. Flush tbg w/20 bbls hot wtr. Made 17 swab runs. Recovered 5 bbls oil, 79 bbls wtr & good gas. No sand. Oil 15% last 2 runs. Fluid level 2100' last run. Release pkr, tag sand @ 4484' KB. Circulate down to BP @ 4493' KB. Reset BP @ 4678' KB. Circulate hole clean. Set pkr @ 4233' KB. SWIFN.
DC: \$1,990
CC: \$226,601
- 02/04/97 Completion
Circulate hole clean w/hot water. POOH w/10 jts tbg, leave pkr unset. RU PLS w/slick line to run protechnics tracer logging tool. Log from 4661' KB to 4100' KB. RD PLS & Protechnics. Will get definite results of trace log on 2-5-97. Circulate hole w/35 bbls wtr. Release BP. TOO H w/tbg, pkr & BP. TIH w/tbg string as follows:
- | | <u>LENGTH</u> | <u>DEPTH KB</u> |
|---|---------------|-----------------|
| 1 - Notched-pinned collar, 2-7/8" | .40' | 5419.35' |
| 1 - Jt 2-7/8", EUE, J-55, 8rd, 6.5# | 29.80' | 5418.95' |
| 1 - Perf sub, 2-7/8" x 4' | 4.20' | 5389.15' |
| 1 - SN, 2-7/8" | 1.10' | 5384.95' |
| 37 - Jts 2-7/8", EUE, J-55, 8rd, 6.5# | 1150.85' | 5383.85' |
| 1 - tbg anchor, 2-7/8" x 5-1/2" (TRICO) | 2.75' | 4233.00' |
| 136 - Jts 2-7/8", EUE, J-55, 8rd, 6.5# | 4220.25' | 4230.25' |
| KB | 10.00' | |
- ND BOP, ND 5-M well head, NU 3-M well head. Set tbg anchor w/10" of tension. Flange up well head. Prepare to run rods. SWIFD.
DC: \$350
CC: \$226,951
- 02/05/97 Completion

TIH w/rod string as follows:

1 - DHP, 2-1/2 x 1-1/2 x 16 RWAC w/SM plunger (TRICO #1220)

1 - Pony, 7/8" x 2' w/2-1/2" guide

1 - K-bar 1-1/2" x 25'

1 - Pony, 7/8" x 2' w/2-1/2" guide

213 - 3/4" x 25' D-61 Plain

1 - 3/4" x 6' Pony

1 - Polish rod, 1-1/4" x 22' SM

Press test DHP & tbg to 1000 psi, OK. Shut well in. RDMO.

DC: \$23,983

CC: \$250,934

02/14/97

Start well pumping. 6-3/4 SPM, 84" stroke.

DC: \$38,980

CC: \$289,914

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

5. Lease Designation and Serial No.
UTU-20255

6. If Indian, Allottee or Tribe Name
n/a

7. If Unit or CA, Agreement Designation
n/a

8. Well Name and No.
Mon. Fed. #31-8-9-16

9. API Well No.
#43-013-31721

10. Field and Pool, or Exploratory Area
Mon. Butte/Green River

11. County or Parish, State
Duchesne County, Utah

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

EQUITABLE RESOURCES ENERGY COMPANY

3. Address and Telephone No.

1601 LEWIS AVENUE BILLINGS, MT 59102 (406) 259-7860

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

NW NE Section 8, T9S, R16E
520' FNL & 2076' FEL

12. CHECK APPROPRIATE BOX(es) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☒ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other Onshore Order #7
☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Any water produced by this well will be held in a produced water tank and trucked to a commercial disposal facility. The primary facility to be used is the R.N. Industries produced water disposal facility located in Section 9, T2S, R2W in Duchesne County, Utah. A copy of the State-issued permit for that facility is on file at the Vernal Bureau of Land Management. If for some reason the operator is unable to use this primary disposal facility, the produced water will be trucked to another State-approved disposal facility. If applicable, Operator has received approved Right-of-Way access to this well location for the Vernal Bureau of Land Management.

14. I hereby certify that the foregoing is true and correct

Signed Dobbie Schuman

Title Regulatory Specialist

Date 4-1-97

(This space for Federal or State office use)

Approved by _____
Conditions of approval, if any:

Title _____

Date _____

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See instruction on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

EQUITABLE RESOURCES ENERGY COMPANY

3. Address and Telephone No.

1601 LEWIS AVENUE BILLINGS, MT 59102 (406)259-7860

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

NW NE SECTION 8, T9S, R16E
520' FNL & 2076' FEL

5. Lease Designation and Serial No.

UTU-20255

6. If Indian, Allottee or Tribe Name

n/a

7. If Unit or CA, Agreement Designation

n/a

8. Well Name and No.

Mon. Fed. #31-8-9-16

9. API Well No.

#43-013-31721

10. Field and Pool, or Exploratory Area

Mon. Butte/Green River

11. County or Parish, State

Duchesne County, Utah

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☒ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other Site Security Diagram
☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Attached is a Site Security Diagram for this well.

14. I hereby certify that the foregoing is true and correct

Signed Bobbie Schuman

Title Regulatory Specialist

Date 4-1-97

(This space for Federal or State office use)

Approved by _____
Conditions of approval, if any:

Title _____

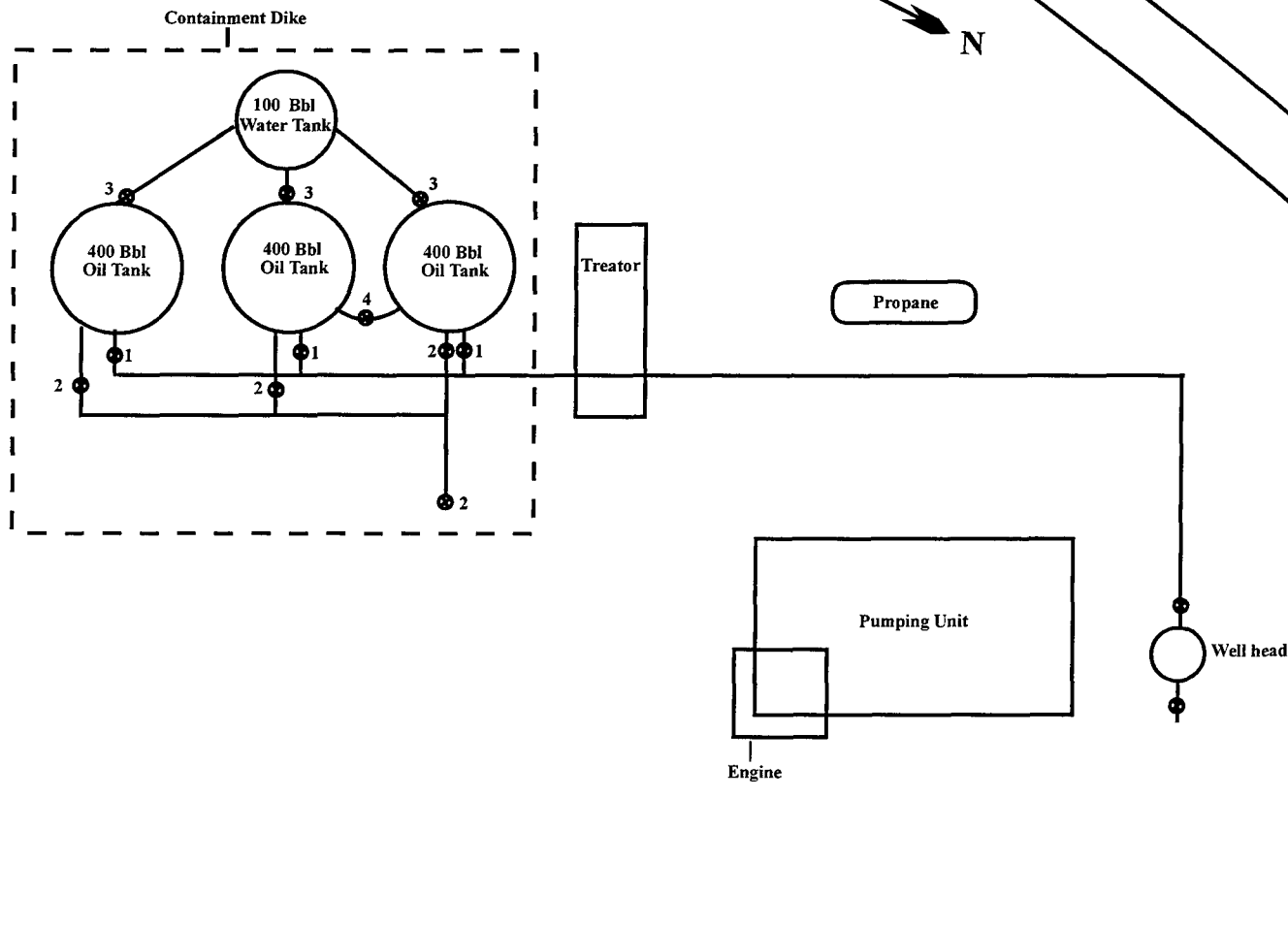
Date _____

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statement or representations as to any matter within its jurisdiction.

*See Instruction on Reverse Side

EQUITABLE RESOURCES ENERGY COMPANY
Monument Federal 31-8-9-16
PRODUCTION FACILITY DIAGRAM

Monument Federal 31-8-9-16
 NW NE Sec 8, T9S, R16E
 DUCHESNE COUNTY, UTAH
 FEDERAL LEASE #UTU-20255



Valve Description

	During Prod.	During Sale	During Water Drain
Valve #1	Open	Closed	Closed
Valve #2	Closed	Open	Closed
Valve #3	Closed	Closed	Open
Valve #4	Open	Closed	Closed

Diagram Not To Scale



PLAN LOCATED AT:

EQUITABLE RESOURCES
ENERGY COMPANY
Western Region

1601 Lewis Avenue
 Billings, MT 59102
 (406) 259-7860

March 19, 1997



RECEIVED
OCT 10 1997

October 7, 1997

Bureau of Land Management
Vernal District Office
170 South 500 East
Vernal, UT 84078

RE: Change of Operator
Duchesne & Vernal Counties, Utah


Dear Mr. Forsman:

Please find attached Sundry Notices and Reports on Wells for Change of Operator, previously operated by Equitable Resources Energy Company for approval.

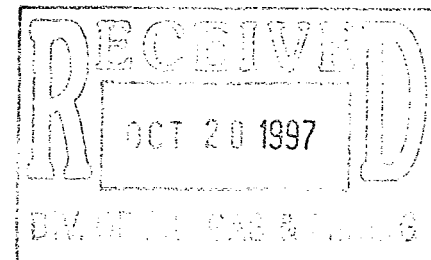
If you should have questions regarding this matter, please do not hesitate to contact me at the number listed below.

Sincerely,

INLAND PRODUCTION COMPANY


Patsy Barreau

/pb
encls.



STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

1. Type of Well: OIL ☒ GAS ☐ OTHER:

2. Name of Operator:

Inland Production Company

3. Address and Telephone Number:

475 - 17th Street, Suite 1500, Denver, CO 80202

4. Location of Well

Footages: See Attached Exhibit

QQ, Sec., T., R., M.:

5. Lease Designation and Serial Number:

See Attached

6. If Indian, Allottee or Tribe Name:

n/a

7. Unit Agreement Name:

See Attached

8. Well Name and Number:

See Attached

9. API Well Number:

See Attached

10. Field and Pool, or Wildcat:

See Attached

County:

State:

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT (Submit in Duplicate)

- | | |
|---|---|
| <input type="checkbox"/> Abandon | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Repair Casing | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Recomplete |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Reperforate |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Multiple Completion | <input type="checkbox"/> Water Shut-Off |
| <input checked="" type="checkbox"/> Other <u>Change of Operator</u> | |

Approximate date work will start _____

SUBSEQUENT REPORT (Submit Original Form Only)

- | | |
|---|---|
| <input type="checkbox"/> Abandon | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Repair Casing | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Reperforate |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Water Shut-Off |
| <input checked="" type="checkbox"/> Other <u>Change of Operator</u> | |

Date of work completion 9-30-97

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.

* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Effective September 30, 1997, Inland Production Company will take over operations of the wells on the attached list. The previous operator was :

Equitable Resources Energy Company
1601 Lewis Avenue
Billings, MT 59102

Effective September 30, 1997, Inland Production Company is responsible under the terms and conditions of the leases for operations conducted on the leased lands or a portion thereof under State of Utah Statewide Bond No. 4471291.

OCT 16 1997

13.

Name & Signature: Chris A. Potter

CHRIS A. POTTER, ATTORNEY-IN-FACT

Date: 9/30/97

(This space for State use only)

INLAND

Inland Resources Change of Operator							
WELL NAME	LOCATION	COUNTY	ST	FIELD NAME	API NUMBER	LEASE NO.	AGEEMENT
✓ WALTON FEDERAL #1	SESE 119S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-15792-00	UTU096550	UTU72086A
✓ WALTON FEDERAL #2	NWNE 149S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-15793-00	UTU096550	UTU72086A
✓ WALTON FEDERAL #34-11	SWSE 119S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31003-00	UTU096550	UTU72086A
✓ WALTON FEDERAL #4	SENE 119S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-15795-00	UTU096550	UTU72086A
✓ ALLEN FEDERAL #31-6G	NWNE 6 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (U)	43-013-31442-00	UTU02052A	
✓ BALCRON FEDERAL #21-13Y	NENW 139S 16E	DUCHESNE	UT	MONUMENT BUTTE (U)	43-013-31400-00	UTU64805	
✓ BALCRON FEDERAL #21-25Y	NENW 259S 16E	DUCHESNE	UT	MONUMENT BUTTE (U)	43-013-31394-00	UTU64380	
✓ BALCRON FEDERAL #44-14Y	SESE 149S 17E	UINTAH	UT	MONUMENT BUTTE (U)	43-047-32438-00	UTU64806	
✓ CASTLE PEAK FEDERAL #24-10A	SESW 169S 16E	DUCHESNE	UT	MONUMENT BUTTE (U)	43-013-30555-00	UTU72107	
✓ CASTLE PEAK STATE #43-16	NESE 169S 16E	DUCHESNE	UT	MONUMENT BUTTE (U)	43-013-30594-00		891008243C
✓ K. JORGENSEN STATE #16-4	NESE 169S 17E	DUCHESNE	UT	MONUMENT BUTTE (U)	43-013-30572-00	ML-3453-B	
✓ STATE #16-2	NENE 169S 17E	DUCHESNE	UT	MONUMENT BUTTE (U)	43-013-30552-00	ML-3453-B	
✓ BALCRON FEDERAL #21-9Y	NENW 9 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31396-00	UTU65207	
✓ BALCRON FEDERAL #41-21Y	NENE 219S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31392-00	UTU64379	
✓ MONUMENT FEDERAL #31-6-9-16	NWNE 6 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31717-00	UTU74390	
✓ MONUMENT FEDERAL #32-6-9-16Y	SW NE 6 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31300-00	UTU74390	
✓ MONUMENT FEDERAL #42-6-9-16Y	SE NW 6 9S 15E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31645-00	UTU74390	
✓ MONUMENT FEDERAL #41-6-9-16	NENE 6 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31718-00	UTU74390	
✓ MONUMENT FEDERAL #31-8-9-16	NW NE 8 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31721-00	UTU020255	
✓ MONUMENT FEDERAL #41-8-9-16	NENE 8 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31619-00	UTU020255	
✓ MONUMENT FEDERAL #11-9-9-16	NW NW 9 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31618-00	UTU020254	
✓ MONUMENT FEDERAL #33-6-9-16Y	NW SE 6 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31589-00	UTU74390	
✓ MONUMENT FEDERAL #43-6-9-16Y	NE SE 6 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31644-00	UTU74390	
✓ MONUMENT FEDERAL #44-6-9-16Y	SE SE 6 9S 15E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31720-00	UTU74390	
✓ MONUMENT FEDERAL #31-18-9-16	NW NE 189S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31725-00	UTU74390	
✓ MONUMENT FEDERAL #41-18Y	NE NE 189S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31646-00	UTU74390	
✓ MONUMENT FEDERAL #42-18Y	SE NE 189S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31724-00	UTU74390	
✓ MONUMENT FEDERAL #31-21-9-16	NW NE 219S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31726-00	UTU64379	
✓ MONUMENT FEDERAL #11-22Y	NW NW 229S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31647-00	UTU64379	
✓ MONUMENT FEDERAL #13-4-9-16	NW SW 4 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31716-00	UTU73086	
✓ MONUMENT FEDERAL #14-4	SWSW 4 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31666-00	UTU73086	
✓ MONUMENT FEDERAL #22-20-9-16	SE NW 209S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31681-00	UTU52018	
✓ MONUMENT FEDERAL #23-7-9-16	NESW 7 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31694-00	UTU74390	
✓ MONUMENT FEDERAL #24-17-9-16	SESW 179S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31682-00	UTU52018	
✓ MONUMENT BUTTE #34-31-8-16	SW SE 318S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31715-00	UTU74389	
✓ MONUMENT FEDERAL #33-10-9-16	NW SE 109S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31722-00	UTU72107	
✓ MONUMENT BUTTE #43-10-9-16	NE SE 109S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31723-00	UTU72107	
✓ CHORNEY FEDERAL #1-9	SWSE 9 9S 19E	UINTA	UT	PARIETTE BENCH	43-047-30070-00	UTU5843	
✓ HENDEL FEDERAL #1	SWSW 9 9S 19E	UINTA	UT	PARIETTE BENCH	43-047-20011-00	UTU058149	



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Vernal District Office
170 South 500 East
Vernal, Utah 84078-2799

Phone: (801) 781-4400
Fax: (801) 781-4410

IN REPLY REFER TO:

3162.3
UT08438

December 4, 1997

Inland Production Company
475 17th Street, Suite 1500
Denver, CO 80202

43-013-31721
Re: Well No. Mon. Fed. 31-8-9-16
NWNE, Sec. 8, T9S, R16E
Lease U-020255
Duchesne County, Utah

Dear Sir:

This correspondence is in regard to the self-certification statement submitted requesting a change in operator for the referenced well. After a review by this office, the change in operator request is approved. Effective immediately, Inland Production Company is responsible for all operations performed on the referenced well. All liability will now fall under your bond, BLM Bond No. UT0056, for all operations conducted on the referenced well on the leased land.

If you have any other questions concerning this matter, please contact Margie Herrmann or Pat Sutton of this office at (435) 781-4400.

Sincerely,

Howard B. Cleavinger II
Assistant Field Manager,
Minerals Resources

cc: Division of Oil, Gas & Mining
Equitable Resources Energy Company



EQUITABLE RESOURCES ENERGY COMPANY

WESTERN REGION

(406) 259-7860 Telephone

(406) 245-1361 Fax

December 10, 1997

Lisha
State of Utah
Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
Box 145801
Salt Lake City, UT 84114-5801

Dear Lisha:

RE: Equitable Sale of Utah Properties

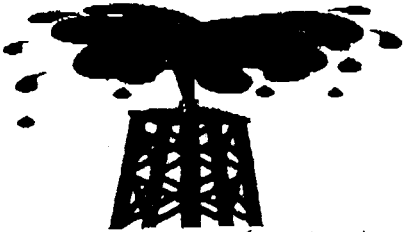
Effective September 30, 1997, Equitable Resources Energy Company sold all of its Utah properties to Inland Production Company.

Please feel free to contact me if you require additional information.

Sincerely,

Molly Conrad
Agent for Equitable Resources
Energy Company

/mc



Crazy Mountain Oil & Gas Services
P.O. Box 577
Laurel, MT 59044
(406) 628-4164
(406) 628-4165

TO: Lisha
St of Utah.

FROM. Molly Conrad
Crazy Mountain Oil & Gas Services
(406) 628-4164

Pages Attached - Including Cover Sheet 2.

NOTE: Here is the letter you requested.
Call if you need anything
further.

OPERATOR CHANGE WORKSHEET

Attach all documentation received by the division regarding this change.

Initial each listed item when completed. Write N/A if item is not applicable.

1-LEC	6-LEC
2-GLH	7-KAS
3-DTS	8-SI
4-VLD	9-FILE
5-JRB	

- ☒ Change of Operator (well sold) ☐ Designation of Agent
☐ Designation of Operator ☐ Operator Name Change Only

The operator of the well(s) listed below has changed, effective: 9-30-97

TO: (new operator)	<u>INLAND PRODUCTION COMPANY</u>	FROM: (old operator)	<u>EQUITABLE RESOURCES ENERGY</u>
(address)	<u>PO BOX 1446</u>	(address)	<u>PO BOX 577</u>
	<u>ROOSEVELT UT 84066</u>		<u>LAUREL MT 59044</u>
			<u>C/O CRAZY MTN O&G SERVICES</u>
Phone:	<u>(801) 722-5103</u>	Phone:	<u>(406) 628-4164</u>
Account no.	<u>N5160</u>	Account no.	<u>N9890</u>

WELL(S) attach additional page if needed:

Name: **SEE ATTACHED**	API: <u>43-013-31721</u>	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____

OPERATOR CHANGE DOCUMENTATION

1. (r649-8-10) Sundry or other legal documentation has been received from the FORMER operator (attach to this form). *(Rec'd 12-10-97)*
2. (r649-8-10) Sundry or other legal documentation has been received from the NEW operator (Attach to this form). *(Rec'd 10-20-97)*
3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is the company registered with the state? (yes/no) ____ If yes, show company file number: _____
4. FOR INDIAN AND FEDERAL WELLS ONLY. The BLM has been contacted regarding this change. Make note of BLM status in comments section of this form. BLM approval of Federal and Indian well operator changes should ordinarily take place prior to the division's approval, and before the completion of steps 5 through 9 below.
5. Changes have been entered in the Oil and Gas Information System (3270) for each well listed above. *(12-9-97)*
6. Cardex file has been updated for each well listed above. *(12-10-97)*
7. Well file labels have been updated for each well listed above. *(12-10-97)*
8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to Trust Lands, Sovereign Lands, UGS, Tax Commission, etc. *(12-9-97)*
9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

- Yes 1. (r649-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) ____ If entity assignments were changed, attach copies of Form 6, Entity Action Form.
- N/A 2. Trust Lands, Sovereign Lands, Tax Commission, etc., have been notified through normal procedures of entity changes.

BOND VERIFICATION - (FEE WELLS ONLY)

- N/A 1. (r649-3-1) The NEW operator of any fee lease well listed above has furnished a proper bond.
- ____ 2. A copy of this form has been placed in the new and former operator's bond files.
- ____ 3. The FORMER operator has requested a release of liability from their bond (yes/no) ____, as of today's date _____. If yes, division response was made to this request by letter dated _____.

LEASE INTEREST OWNER NOTIFICATION OF RESPONSIBILITY

- N/A 1. Copies of documents have been sent on _____ to _____ at Trust Lands for changes involving State leases, in order to remind that agency of their responsibility to review for proper bonding.
- N/A 2. (r649-2-10) The former operator of any fee lease wells listed above has been contacted and informed by letter dated _____ 19 ____, of their responsibility to notify all interest owners of this change.

FILMING

- Yes 1. All attachments to this form have been microfilmed. Today's date: 3-25-98.

FILING

- ____ 1. Copies of all attachments to this form have been filed in each well file.
- ____ 2. The original of this form, and the original attachments are now being filed in the Operator Change file.

COMMENTS

971209 BLM / Vernal Aprv. 12-4-97.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.
Use "APPLICATION FOR PERMIT -" for such proposals

5. Lease Designation and Serial No.

UTU-20255

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

NA

8. Well Name and No.

MONUMENT FEDERAL 31-8-9-16

9. API Well No.

43-013-31721

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

DUCHESNE COUNTY, UTAH

SUBMIT IN TRIPLICATE

1. Type of Well



Oil
Well



Gas
Well



Other

2. Name of Operator

INLAND PRODUCTION COMPANY

3. Address and Telephone No.

475 17TH STREET, SUITE 1500, DENVER, COLORADO 80202 (303) 292-0900

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)

0520 FNL 2076 FEL

NW/NE Section 8, T09S R16E

12. **CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION



Notice of Intent



Subsequent Report



Final Abandonment Notice

TYPE OF ACTION



Abandonment



Recompletion



Plugging Back



Casing Repair



Altering Casing



Other **Site Security**



Change of Plans



New Construction



Non-Routine Fracturing



Water Shut-Off



Conversion to Injection

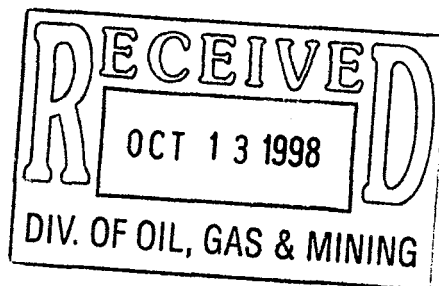


Dispose Water

(Note: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Attached please find the site security diagram for the above referenced well.



14. I hereby certify that the foregoing is true and correct

Signed

Debbie E. Knight

Title

Manager, Regulatory Compliance

Date

10/8/98

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

CC: UTAH DOGM

Inland Production Company Site Facility Diagram

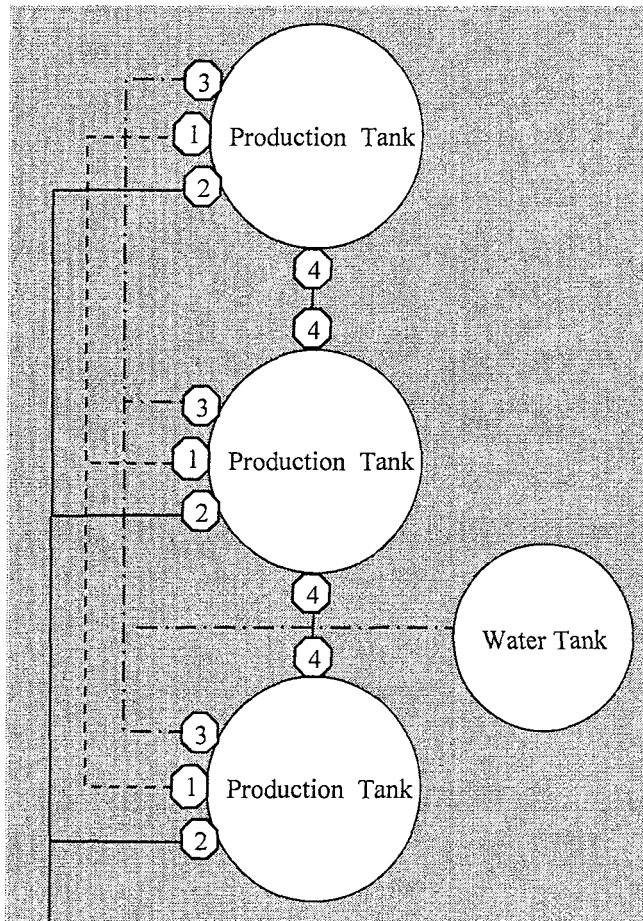
Monument Federal 31-8

NW/NE Sec. 8, T9S, 16E

Duchesne County

Sept. 17, 1998

Diked Section



Site Security Plan is held at the Roosevelt Office, Roosevelt Utah

Production Phase:

- 1) Valves 1, and 3 sealed closed
- 2) Valves 2 and 4 sealed open

Sales Phase:

- 1) Valves 2, 3, and 4 sealed closed
- 2) Valves 1 open

Draining Phase:

- 1) Valve 3 open

Treater

Gas Sales Meter

Pumping Unit

Well Head

Legend

Emulsion Line
Load Line	-----
Water Line	- - - - -
Oil Line	_____
Gas Sales	- . - . - .

(Jun ay

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED

Budget Bureau No. 1004-0135

Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.
 Use "APPLICATION FOR PERMIT -" for such proposals

5. Lease Designation and Serial No.

UTU-20255

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

8. Well Name and No.

MONUMENT FED 31-8-9-16

9. API Well No.

43-013-31721

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

DUCHESNE COUNTY, UT**SUBMIT IN TRIPLICATE**

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

INLAND PRODUCTION COMPANY

3. Address and Telephone No.

Rt. 3 Box 3630, Myton Utah, 84052 435-646-3721

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)

520 FNL 2076 FEL NW/NE Section 8, T9S R16E

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

☐ Abandonment
☒ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well
 Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is direction-
 ally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Subject well had recompletion procedures initiated in the Green River formation on 5/19/03. Existing production equipment was pulled from well. A bit and scraper were run in well. Two new Green River intervals were perforated and hydraulically fracture treated as follows: Stage #1: CP sands @ 5818-5842', and 5688-5702' (all 4JSPF) fraced down 2 7/8 N-80 tbg w/102,000# 20/40 sand in 507 bbls Viking I-25 fluid. Stage #2: B2 sands @ 5117-5120', and 5091-5093'; B sands @ 5057-5059', 5037-5043', and 5024-5028' (all 4JSPF) fraced down 2 7/8 N 80 tbg w/58,600# 20/40 sand in 307 bbls Viking I-25 fluid. Frac was flowed back through chokes. Sand was cleaned from wellbore. New intervals were swab tested for sand cleanup. BHA & production tbg were run and anchored in well w/tubing anchor @ 5676', pump seating nipple @ 5744', and end of tubing string @ 5808'. A repaired 1 1/2" bore rod pump was run in well on sucker rods. Well returned to production via rod pump on 5/28/03.

RECEIVED**JUN 03 2003****DIV. OF OIL, GAS & MINING**

14. I hereby certify that the foregoing is true and correct

Signed

Martha Hall
Martha Hall

Title

Office Manager

Date

5/30/2003

CC: UTAH DOGM

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155
<http://www.blm.gov>



IN REPLY REFER TO:
3106
(UT-924)

September 16, 2004

Memorandum

To: Vernal Field Office

From: Acting Chief, Branch of Fluid Minerals

Subject: Merger Approval

Attached is an approved copy of the name change recognized by the Utah State Office. We have updated our records to reflect the merger from Inland Production Company into Newfield Production Company on September 2, 2004.

Michael Coulthard
Acting Chief, Branch of
Fluid Minerals

Enclosure

1. State of Texas Certificate of Registration

cc: MMS, Reference Data Branch, James Sykes, PO Box 25165, Denver CO 80225
State of Utah, DOGM, Attn: Earlene Russell, PO Box 145801, SLC UT 84114
Teresa Thompson
Joe Incardine
Connie Seare



Office of the Secretary of State

The undersigned, as Secretary of State of Texas, does hereby certify that the attached is a true and correct copy of each document on file in this office as described below:

Newfield Production Company
Filing Number: 41530400

Articles of Amendment

September 02, 2004

In testimony whereof, I have hereunto signed my name officially and caused to be impressed hereon the Seal of State at my office in Austin, Texas on September 10, 2004.



A handwritten signature in black ink, appearing to read "G. Connor".

Secretary of State

ARTICLES OF AMENDMENT
TO THE
ARTICLES OF INCORPORATION
OF
INLAND PRODUCTION COMPANY

FILED
In the Office of the
Secretary of State of Texas
SEP 02 2004
Corporations Section

Pursuant to the provisions of Article 4.04 of the Texas Business Corporation Act (the "TBCA"), the undersigned corporation adopts the following articles of amendment to the articles of incorporation:

ARTICLE 1 – Name

The name of the corporation is Inland Production Company.

ARTICLE 2 – Amended Name

The following amendment to the Articles of Incorporation was approved by the Board of Directors and adopted by the shareholders of the corporation on August 27, 2004.

The amendment alters or changes Article One of the Articles of Incorporation to change the name of the corporation so that, as amended, Article One shall read in its entirety as follows:

"ARTICLE ONE – The name of the corporation is Newfield Production Company."

ARTICLE 3 – Effective Date of Filing

This document will become effective upon filing.

The holder of all of the shares outstanding and entitled to vote on said amendment has signed a consent in writing pursuant to Article 9.10 of the TBCA, adopting said amendment, and any written notice required has been given.

IN WITNESS WHEREOF, the undersigned corporation has executed these Articles of Amendment as of the 1st day of September, 2004.

INLAND RESOURCES INC.

By: Susan G. Riggs
Susan G. Riggs, Treasurer

UTSL-	15855	61052	73088	76561	
071572A	16535	62848	73089	76787	
065914	16539	63073B	73520A	76808	
	16544	63073D	74108	76813	
	17036	63073E	74805	76954	63073X
	17424	63073O	74806	76956	63098A
	18048	64917	74807	77233	68528A
UTU-	18399	64379	74808	77234	72086A
	19267	64380	74389	77235	72613A
02458	26026A	64381	74390	77337	73520X
03563	30096	64805	74391	77338	74477X
03563A	30103	64806	74392	77339	75023X
04493	31260	64917	74393	77357	76189X
05843	33992	65207	74398	77359	76331X
07978	34173	65210	74399	77365	76788X
09803	34346	65635	74400	77369	77098X
017439B	36442	65967	74404	77370	77107X
017985	36846	65969	74405	77546	77236X
017991	38411	65970	74406	77553	77376X
017992	38428	66184	74411	77554	78560X
018073	38429	66185	74805	78022	79485X
019222	38431	66191	74806	79013	79641X
020252	39713	67168	74826	79014	80207X
020252A	39714	67170	74827	79015	81307X
020254	40026	67208	74835	79016	
020255	40652	67549	74868	79017	
020309D	40894	67586	74869	79831	
022684A	41377	67845	74870	79832	
027345	44210	68105	74872	79833	
034217A	44426	68548	74970	79831	
035521	44430	68618	75036	79834	
035521A	45431	69060	75037	80450	
038797	47171	69061	75038	80915	
058149	49092	69744	75039	81000	
063597A	49430	70821	75075		
075174	49950	72103	75078		
096547	50376	72104	75089		
096550	50385	72105	75090		
	50376	72106	75234		
	50750	72107	75238		
10760	51081	72108	76239		
11385	52013	73086	76240		
13905	52018	73087	76241		
15392	58546	73807	76560		

OPERATOR CHANGE WORKSHEET

ROUTING

1. GLH

2. CDW

3. FILE

Change of Operator (Well Sold)

Designation of Agent/Operator

X Operator Name Change**Merger**

The operator of the well(s) listed below has changed, effective:

9/1/2004

FROM: (Old Operator):
 N5160-Inland Production Company
 Route 3 Box 3630
 Myton, UT 84052
 Phone: 1-(435) 646-3721

TO: (New Operator):
 N2695-Newfield Production Company
 Route 3 Box 3630
 Myton, UT 84052
 Phone: 1-(435) 646-3721

CA No.

Unit:

SOUTH WELLS DRAW (GR)

WELL(S)

NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
S WELLS DRAW 15-34-8-16	34	080S	160E	4301331670	13269	Federal	WI	A
CASTLE PEAK 1-3	03	090S	160E	4301330639	13269	Federal	WI	A
S WELLS DRAW 4-3-9-16	03	090S	160E	4301332096	13269	Federal	OW	P
BALCRON MON FED 14-4	04	090S	160E	4301331666	13269	Federal	WI	A
MON FED 13-4-9-16	04	090S	160E	4301331716	13269	Federal	OW	P
CASTLE PEAK 9R	05	090S	160E	4301315787	99998	Federal	NA	PA
MON FED 41-8-9-16	08	090S	160E	4301331619	13269	Federal	WI	A
MON FED 31-8-9-16	08	090S	160E	4301331721	13269	Federal	OW	P
FEDERAL 21-9Y	09	090S	160E	4301331396	13269	Federal	WI	A
MON FED 11-9-9-16	09	090S	160E	4301331618	13269	Federal	OW	P
S WELLS DRAW 9-9-9-16	09	090S	160E	4301332043	13269	Federal	WI	A
S WELLS DRAW 16-9-9-16	09	090S	160E	4301332044	13269	Federal	OW	P
CASTLE PK FED 24-10A	10	090S	160E	4301330555	13269	Federal	OW	P
MON FED 33-10-9-16	10	090S	160E	4301331722	13269	Federal	OW	P
MON FED 43-10-9-16	10	090S	160E	4301331723	13269	Federal	WI	A
S WELLS DRAW 2-10-9-16	10	090S	160E	4301331774	13269	Federal	OW	P
S WELLS DRAW 5-10-9-16	10	090S	160E	4301331811	13269	Federal	WI	A
S WELLS DRAW 6-10-9-16	10	090S	160E	4301332041	13269	Federal	OW	P
S WELLS DRAW 7-10-9-16	10	090S	160E	4301332042	13269	Federal	WI	A
S WELLS DRAW 11-10-9-16	10	090S	160E	4301332045	13269	Federal	WI	A
S WELLS DRAW 12-10-9-16	10	090S	160E	4301332046	13269	Federal	OW	P
S WELLS DRAW 13-10-9-16	10	090S	160E	4301332047	13269	Federal	OW	S

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 9/15/2004
2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 9/15/2004

3. The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 2/23/2005

4. Is the new operator registered in the State of Utah: YES Business Number: 755627-0143

5. If **NO**, the operator was contacted on:

6a. (R649-9-2)Waste Management Plan has been received on: IN PLACE
6b. Inspections of LA PA state/fee well sites complete on: waived

7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM BIA

8. **Federal and Indian Units:**
The BLM or BIA has approved the successor of unit operator for wells listed on: n/a

9. **Federal and Indian Communization Agreements ("CA"):**
The BLM or BIA has approved the operator for all wells listed within a CA on: na/

10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: 2/23/2005

DATA ENTRY:

1. Changes entered in the **Oil and Gas Database** on: 2/28/2005
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 2/28/2005
3. Bond information entered in RBDMS on: 2/28/2005
4. Fee/State wells attached to bond in RBDMS on: 2/28/2005
5. Injection Projects to new operator in RBDMS on: 2/28/2005
6. Receipt of Acceptance of Drilling Procedures for APD/New on: waived

FEDERAL WELL(S) BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: UT 0056

INDIAN WELL(S) BOND VERIFICATION:

1. Indian well(s) covered by Bond Number: 61BSBDH2912

FEE & STATE WELL(S) BOND VERIFICATION:

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number 61BSBDH2919

2. The **FORMER** operator has requested a release of liability from their bond on: n/a*
The Division sent response by letter on: n/a

LEASE INTEREST OWNER NOTIFICATION:

3. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: n/a

COMMENTS:

*Bond rider changed operator name from Inland Production Company to Newfield Production Company - received 2/23/05



May 13, 2010

Mr. Dan Jarvis
State of Utah
Division of Oil, Gas and Mining
Post Office Box 145801
Salt Lake City, Utah 84114-5801

RE: Permit Application for Water Injection Well
Monument Federal #31-8-9-16
Monument Butte Field, Lease #UTU-020255
Section 8-Township 9S-Range 16E
Duchesne County, Utah

Dear Mr. Jarvis:

Newfield Production Company herein requests approval to convert the Monument Federal #31-8-9-16 from a producing oil well to a water injection well in the Monument Butte (Green River) Field.

I hope you find this application complete; however, if you have any questions or require additional information, please contact me at (303) 893-0102.

Sincerely,

A handwritten signature in black ink, appearing to read "Eric Sundberg", with a long horizontal line extending to the right.

Eric Sundberg
Regulatory Lead

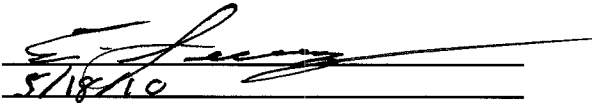
RECEIVED
MAY 25 2010
DIV. OF OIL, GAS & MINING

NEWFIELD PRODUCTION COMPANY
APPLICATION FOR APPROVAL OF CLASS II INJECTION WELL
MONUMENT FEDERAL #31-8-9-16
MONUMENT BUTTE FIELD (GREEN RIVER) FIELD
LEASE #UTU-020255
May 13, 2010

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APPLICATION FOR INJECTION WELL - UIC FORM 1

Well Name and number: <u>Monument Federal #31-8-9-16</u>	
Field or Unit name: <u>Monument Butte (Green River)</u>	Lease No. <u>UTU-020255</u>
Well Location: QQ <u>NWNE</u> section <u>8</u> township <u>9S</u> range <u>16E</u> county <u>Duchesne</u>	
 Is this application for expansion of an existing project? Yes [X] No []	
Will the proposed well be used for:	
Enhanced Recovery?	Yes [X] No []
Disposal?	Yes [] No [X]
Storage?	Yes [] No [X]
Is this application for a new well to be drilled? Yes [] No [X]	
If this application is for an existing well,	
has a casing test been performed on the well? Yes [] No [X]	
Date of test: _____	
API number: <u>43-013-31721</u>	
 Proposed injection interval: from <u>4108</u> to <u>6000</u>	
Proposed maximum injection: rate <u>500 bpd</u> pressure <u>1753</u> psig	
Proposed injection zone contains [x] oil, [] gas, and/or [] fresh water within 1/2 mile of the well.	
<div style="border: 1px solid black; padding: 10px; margin: 10px auto; width: 80%;">IMPORTANT: Additional information as required by R615-5-2 should accompany this form.</div>	
List of Attachments: <u>Attachments "A" through "H-1"</u>	
 I certify that this report is true and complete to the best of my knowledge.	
Name: <u>Eric Sundberg</u>	Signature: 
Title: <u>Regulatory Lead</u>	Date: <u>5/18/10</u>
Phone No.: <u>(303) 893-0102</u>	
 (State use only)	
Application approved by _____	Title _____
Approval Date _____	

Comments:

Monument Federal #31-8-9-16

Spud Date: 1/15/97
Put on Production: 2/14/97
GL: 5838' KB: 5849'

Initial Production: 194 BOPD, 93 MCFD
23 BWPD

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 5 JTS
DEPTH LANDED: 256.20'
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sxs Class "G" cmt, est 5 bbls to surface

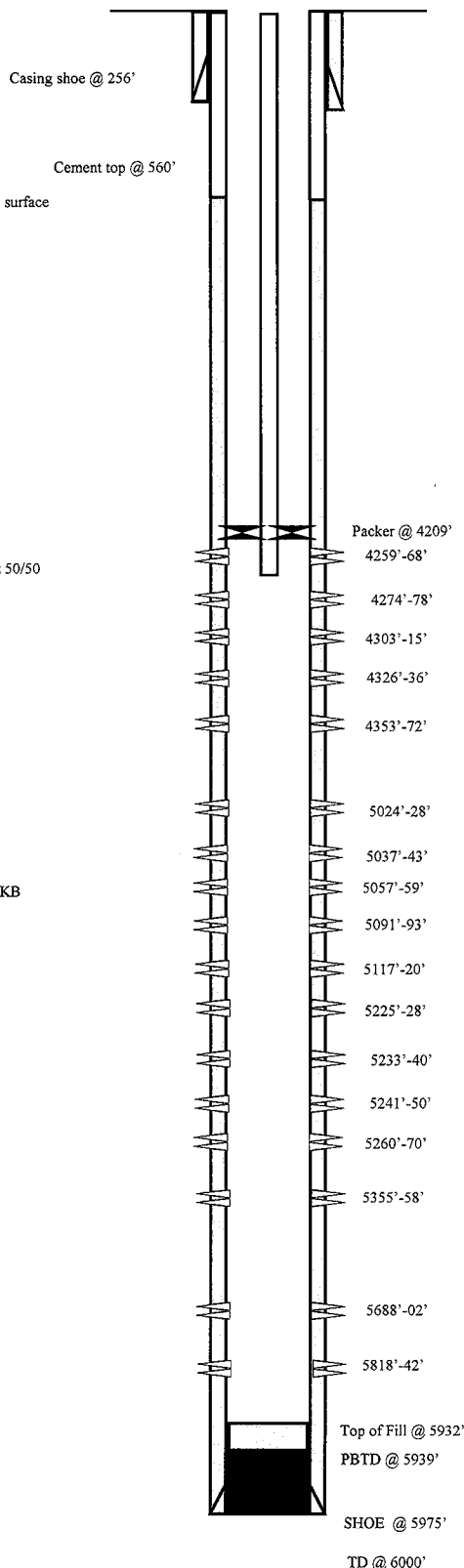
PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 143 jts (5974.92')
SET AT: 5984.92'
HOLE SIZE: 7-7/8"
CEMENT DATA: 240 sxs Premium & 390 sxs Poz 50/50
CEMENT TOP AT: 560'

TUBING

SIZE/GRADE/WT: 2-7/8", J-55, 6.5#
NO. OF JOINTS: 184 jts. (5735.13')
TUBING ANCHOR: 5745.14' KB
NO. OF JOINTS: 2 jts. (64.76')
SEATING NIPPLE: 2-7/8"
SN LANDED AT: 5812.68' KB
NO. OF JOINTS: 2 jt (62.22')
TOTAL STRING LENGTH: EOT @ 5876.45' w/10' KB

Proposed Injector Wellbore Diagram



FRAC JOB

Date	Depth Range	Details
1-28-97	5225'-5358'	Frac sand as follows: 29,840# 20/40 sand + 69,160# 16/30 sand in 642 bbls 2% KCL. ATP-2350 psi w/avg rate of 33.0 BPM. ISIP-4570 psi. Calc flush: 5225 gal. Actual flush: 5208 gal.
1-31-97	4259'-4372'	Frac sand as follows: 162,000# 16/30 sand in 1076 bbl 2% KCL. ATP-2150 psi w/avg rate of 41.9 BPM. ISIP-2450 psi. Calc flush: 5225 gal. Actual flush: 5208 gal.
5/08/99		Stuck pump. Update rod details.
5/22/03	5688'-5842'	Frac CP.5 and #3 sands as follows: 102,000# 20/40 sand in 507 bbls Viking I-25 fluid. Treated @ avg press of 3120 psi w/avg rate of 15.7 BPM. ISIP 1790 psi. Calc flush: 1476 gal. Actual flush: 1344 gal.
5/22/03	5024'-5120'	Frac B and B2 sands as follows: 58,600# 20/40 sand in 307 bbls Viking I-25 fluid. Treated @ avg press of 3027 psi w/avg rate of 15.4 BPM. ISIP 1830 psi. Calc flush: 1322 gal. Actual flush: 1176 gal.
8/30/03		Tubing Leak. Update tubing and rod detail.
05/27/08		updated tubing and rod detail

PERFORATION RECORD

Date	Depth Range	Tool Joint	Holes
1-27-97	5225'-5228'	1 JSPF	3 holes
1-27-97	5233'-5240'	1 JSPF	7 holes
1-27-97	5241'-5250'	1 JSPF	9 holes
1-27-97	5260'-5270'	1 JSPF	10 holes
1-27-97	5355'-5358'	4 JSPF	12 holes
1-30-97	4259'-4268'	2 JSPF	18 holes
1-30-97	4274'-4278'	2 JSPF	8 holes
1-30-97	4303'-4315'	4 JSPF	48 holes
1-30-97	4326'-4336'	4 JSPF	40 holes
1-30-97	4353'-4372'	4 JSPF	76 holes
5/21/03	5818'-5842'	4 JSPF	96 holes
5/21/03	5688'-5702'	4 JSPF	56 holes
5/21/03	5117'-5120'	4 JSPF	12 holes
5/21/03	5091'-5093'	4 JSPF	8 holes
5/21/03	5057'-5059'	4 JSPF	8 holes
5/21/03	5037'-5043'	4 JSPF	24 holes
5/21/03	5024'-5028'	4 JSPF	16 holes



Monument Federal #31-8-9-16
520 FNL & 2076 FEL
NWNE Section 8-T9S-R16E
Duchesne Co, Utah
API #43-013-31721; Lease #UTU-020255

WORK PROCEDURE FOR INJECTION CONVERSION

1. Rig up hot oil truck to casing. Pump water. Unseat pump. Flush rods. Trip out of hole with rods and pump.
2. Trip out of hole with tubing, breaking and doping every connection. Trip in hole with packer and tubing. Rig up water truck to casing. Pump packer fluid. Set packer.
3. Test casing and packer.
4. Rig down and move out.

**REQUIREMENTS FOR INJECTION OF FLUIDS INTO RESERVOIRS
RULE R615-5-1**

1. **Operations to increase ultimate recovery, such as cycling of gas, the maintenance of pressure, the introduction of gas, water or other substances into a reservoir for the purpose of secondary or other enhanced recovery or for storage and the injection of water into any formation for the purpose of water disposal shall be permitted only by order of the Board after notice and hearing.**
2. **A request for agency action for authority for the injection of gas, liquified petroleum gas, air, water or any other medium into any formation for any reason, including but not necessarily limited to the establishment of or the expansion of waterflood projects, enhanced recovery projects, and pressure maintenance projects shall contain:**

2.1 The name and address of the operator of the project.

Newfield Production Company
1001 17th Street, Suite 2000
Denver, Colorado 80202

2.2 A plat showing the area involved and identifying all wells, including all proposed injection wells, in the project area and within one-half mile of the project area.

See Attachment A.

2.3 A full description of the particular operation for approval is requested.

Approval is requested to convert the Monument Federal #31-8-9-16 from a producing oil well to a water injection well in Monument Butte (Green River) Field.

2.4 A description of the pools from which the identified wells are producing or have produced.

The proposed injection well will inject into the Green River Formation.

2.5 The names, description and depth of the pool or pools to be affected.

The injection zone is in the Green River Formation. For the Monument Federal #31-8-9-16 well, the proposed injection zone is from Garden Gulch to Castle Peak (4108' -6000'). The confining strata directly above and below the injection zones are the Garden Gulch and the top of the Wasatch Formation or TD, which ever is shallower. The Garden Gulch Marker top is at 3778' and the TD is at 6000'.

2.6 A copy of a log of a representative well completed in the pool.

The referenced log for the Monument Federal #31-8-9-16 is on file with the Utah Division of Oil, Gas and Mining.

- 2.7 A statement as to the type of fluid to be used for injection, its source and the estimated amounts to be injected daily.**

The primary type and source of fluid to be used for injection will be culinary water commingled with produced water. The average estimated injection of fluids will be at a rate of 300 BPD, and the estimated maximum injection will be at a rate of 500 BPD.

- 2.8 A list of all operators and surface owners within one-half mile radius of the proposed project.**

See Attachment B.

- 2.9 An affidavit certifying that said operators or owners and surface owners within a one-half mile radius have been provided a copy of the petition for injection.**

See Attachment C.

- 2.10 Any additional information the Board may determine is necessary to adequately review the petition.**

Newfield Production Company will supply any additional information requested by the Utah Division of Oil, Gas and Mining.

- 4.0 Establish recovery projects may be expanded and additional wells placed on injection only upon authority from the Board after notice and hearing or by administrative approval.**

This proposed injection well is on a Federal lease (Lease #UTU-020255) in the Monument Butte Federal (Green River) Field, and this request is for administrative approval.

**REQUIREMENTS FOR CLASS II INJECTION WELLS INCLUDING WATER DISPOSAL,
STORAGE AND ENHANCED RECOVERY WELLS
SECTION V – RULE R615-5-2**

1. **Injection well shall be completed, equipped, operated, and maintained in a manner that will prevent pollution and damage to any USDW, or other resources and will confine injected fluids to the interval approved.**
2. **The application for an injection well shall include a properly completed Form DOGM-UIC-1 and the following:**
 - 2.1 **A plat showing the location of the injection well, all abandoned or active wells within a one-half mile radius of the proposed wells, and the surface owner and the operator of any lands or producing leases, respectively, within a one-half mile radius of the proposed injection well.**

See Attachments A and B.
 - 2.2 **Copies of electrical or radioactive logs, including gamma ray logs, for the proposed well run prior to the installation of casing and indicating resistivity, spontaneous potential, caliper and porosity.**

All logs are on file with the Utah Division of Oil, Gas and Mining.
 - 2.3 **A copy of a cement bond or comparable log run for the proposed injection well after casing was set and cemented.**

A copy of the cement bond log is on file with the Utah Division of Oil, Gas and Mining.
 - 2.4 **Copies of logs already on file with the Division should be referenced, but need not be refiled.**

All copies of logs are on file with the Utah Division of Oil, Gas and Mining.
 - 2.5 **A description of the casing or proposed casing program of the injection well and of the proposed method for testing the casing before use of the well.**

The casing program is 8-5/8", 24# surface casing run to 256' KB, and 5-1/2", 15.5# casing run from surface to 5984' KB. A casing integrity test will be conducted at the time of conversion. See Attachment E.
 - 2.6 **A statement as to the type of fluid to be used for injection, its source and estimated amounts to be injected daily.**

The primary type and source of fluid to be used for injection will be culinary water commingled with produced water. The estimated average rate of injection will be 300 BPD, and the estimated maximum rate of injection will be 500 BPD.
 - 2.7 **Standard laboratory analysis of the fluid to be injected, the fluid in the formation into which the fluid is being injected, and the compatibility of the fluids.**

See Attachment F.

The proposed average and maximum injection pressures.

The proposed average injection pressure will be approximately 1100 psig and the maximum injection pressure will not exceed 1753 psig.

2.8 Evidence and data to support a finding that the proposed injection well will not initiate fractures through the overlying strata or a confining interval that could enable the injected fluid or formation fluid to enter the fresh water strata.

The minimum fracture gradient for the Monument Federal #31-8-9-16, for existing perforations (5024' - 5358') calculates at 0.75 psig/ft. The maximum injection pressures will be limited so as not to exceed this gradient. A step rate test will be performed periodically to ensure we are below parting pressure. The proposed maximum injection pressure is 1753 psig. We may add additional perforations between 3778' and 6000'. See Attachments G and G-1.

2.9 Appropriate geological data on the injection interval and confining beds, including the geologic name, lithologic description, thickness, depth, and lateral extent.

In the Monument Federal #31-8-9-16, the proposed injection zone (4108' - 6000') is in the Garden Gulch to the Castle Peak of the Green River Formation. The reservoir is a very fine-grained sandstone with minor imbedded shale streaks. The estimated porosity is 13%. The members are composed of porous and permeable lenticular calcareous sandstone and low porosity carbonates and calcareous shale. The porous and lenticular sandstone varies in thickness from 0-31' and is confined to the Monument Butte Federal Field. Outside the Monument Butte Federal Field, the sandstone is composed of tight, very fine, silty, calcareous sandstone, less than 3' thick. The stratum confining the injection zone is composed of tight, moderately calcareous, sandy lacustrine shale. All of the confining strata are impermeable, and will effectively seal off the oil, gas, and water of the injection zone from any strata directly above or below it.

2.10 A review of the mechanical condition of each well within a one-half mile radius of the proposed injection well to assure that no conduit exists that could enable fluids to migrate up or down the wellbore and enter the improper intervals.

See Attachments E through E-12.

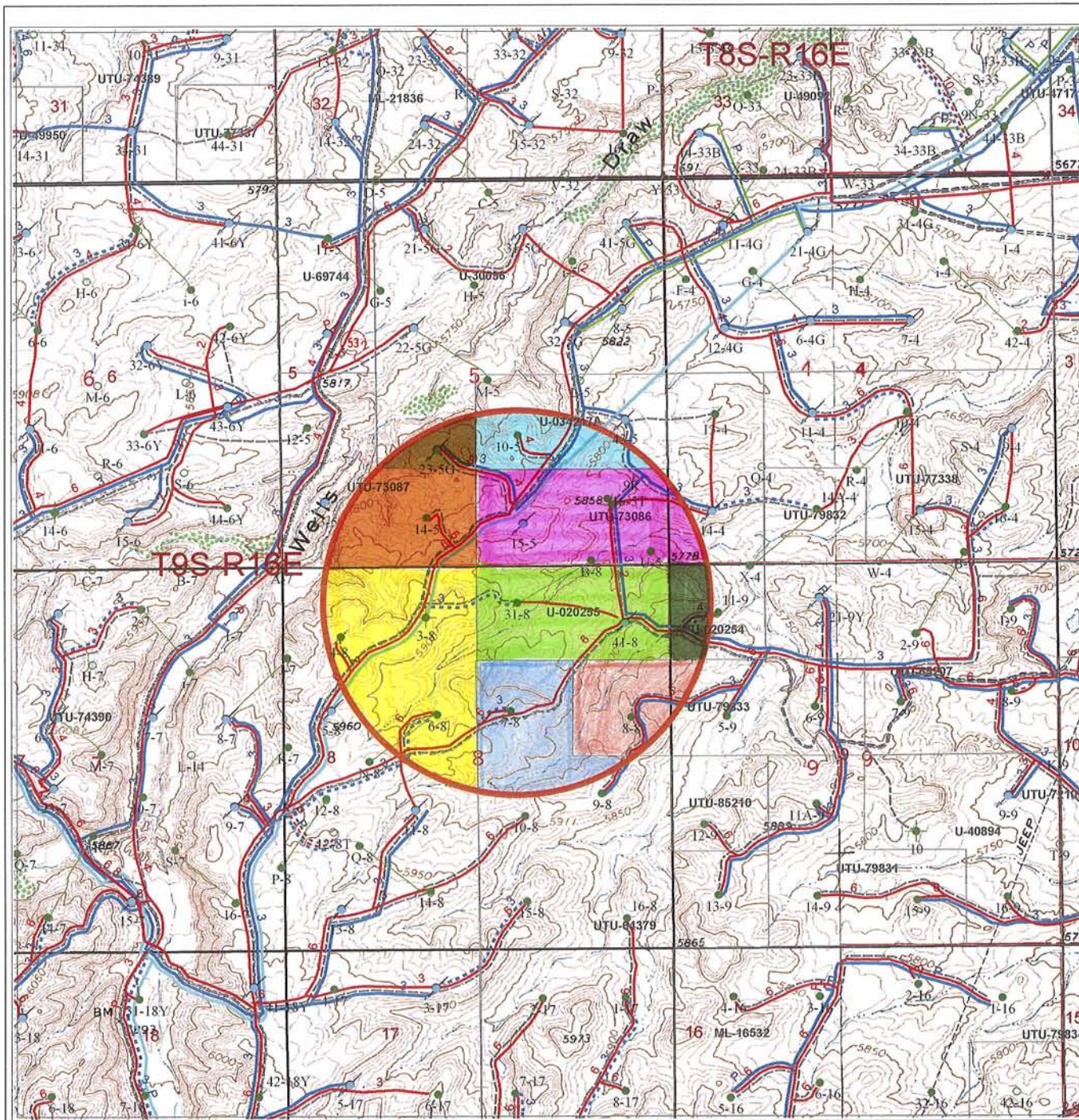
Additionally, the injection system will be equipped with high and low pressure shut down devices that will automatically shut in injection waters if a system blockage or leakage occurs. One way check valves will also ensure proper flow management. Relief valves will also be utilized for high-pressure relief.

2.11 An affidavit certifying that a copy of the application has been provided to all operators or owners, and surface owners within a one-half mile radius of the proposed injection well.

See Attachment C.

2.12 Any other information that the Board or Division may determine is necessary to adequately review the application.

Newfield Production Company will supply any requested information to the Board or Division.



- Well Status**
- Location
 - ⊕ CTI
 - ⊕ Surface Spud
 - ⊕ Drilling
 - ⊕ Waiting on Completion
 - ⊕ Producing Oil Well
 - ⊕ Producing Gas Well
 - ⊕ Water Injection Well
 - ⊕ Dry Hole
 - ⊕ Temporarily Abandoned
 - ⊕ Plugged & Abandoned
 - ⊕ Shut In
- Injection system**
- high pressure
 - low pressure
 - proposed
 - return
 - return proposed
- Leases**
- Leases
 - Mining tracts
- Gas Pipelines**
- Gathering lines
 - Proposed lines
 - 31-8-9-16 1/2mile radius

- UTU-020255
- UTU-73086
- UTU-034217A
- UTU-80096
- UTU-73087
- UTU-74390
- UTU-64379
- UTU-79833
- UTU-020254

Attachment A

Monument Federal 31-8-9-16
Section 8, T9S-R16E

NEWFIELD



ROCKY MOUNTAINS



1" = 2000'

1/2 Mile Radius Map
Duchesne & Uintah Counties

1001 17th Street Suite 2000
Denver, Colorado 80202
Phone: (303) 893-0102

February 24, 2010

T9S, R16E, S.L.B.&M.

EQUITABLE RESOURCES ENERGY CO.

N89°54'W - 40.03 (G.L.O.)

2644.43' (Measured)

N89°54'W (G.L.O.) Basis of Bearings

Note:

The well location bears S47°31'24"E
771.6' from the North 1/4 corner of
Sec. 8.

520.0'

2075.8'
(Computed)

**WELL LOCATION:
MONUMENT FEDERAL #31-8-9-16**

ELEV. UNGRADED GROUND = 5838.0'

8

N0°03'W (G.L.O.)

N0°03'W (G.L.O.)

N89°50'W - 80.02 (G.L.O.)



Attachment A-1

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS
PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS
MADE BY ME OR UNDER MY SUPERVISION AND THAT
THE SAME ARE TRUE AND CORRECT TO THE BEST OF
MY KNOWLEDGE AND BELIEF

STEWART

REGISTERED LAND SURVEYOR
REGISTRATION No. 14402
STATE OF UTAH

TRI STATE LAND SURVEYING & CONSULTING

38 WEST 100 NORTH - VERNAL, UTAH 84078
(801) 781-2501



= SECTION CORNERS LOCATED

BASIS OF ELEV; U.S.G.S. 7-1/2 min QUAD (MYTON SW)

SCALE: 1" = 1000'

SURVEYED BY: G.S.

DATE: 9-7-96

WEATHER: WARM

NOTES:

FILE #

EXHIBIT B

1 of 2

#	Legal Description	Lessor & Expiration	Lessee & Operating Rights	Surface Owner
1	<u>Township 9 South, Range 16 East SLM</u> Section 8: N2NE	USA UTU-020255 HBP	Newfield Production Company Newfield RMI LLC	USA
2	<u>Township 9 South, Range 16 East SLM</u> Section 4: W2SW Section 5: S2SE	USA UTU-73086 HBP	Newfield Production Company Newfield RMI LLC	USA
3	<u>Township 9 South, Range 16 East SLM</u> Section 5: N2SE	USA UTU-034217-A HBP	Newfield Production Company Newfield RMI LLC	USA
4	<u>Township 9 South, Range 16 East SLM</u> Section 4: Lots 1-4, S2N2 Section 5: Lots 1-3, S2NE, SENW, NESW	USA UTU-30096 HBP	Newfield Production Company Newfield RMI LLC	USA
5	<u>Township 9 South, Range 16 East SLM</u> Section 5: W2SW, SESW	USA UTU-73087 HBP	Newfield Production Company Newfield RMI LLC	USA
6	<u>Township 9 South, Range 16 East SLM</u> Section 6: All Section 7: All Section 8: W2 Section 17: NW Section 18: Lots 1-2, NE, E2NW	USA UTU-74390 HBP	Newfield Production Company Newfield RMI LLC Yates Petroleum Corporation Yates Drilling Company ABO Petroleum Corporation MYCO Industries, Inc.	USA

EXHIBIT B

2062


#	Legal Description	Lessor & Expiration	Lessee & Operating Rights	Surface Owner
7	<u>Township 9 South, Range 16 East SLM</u> Section 8: SWNE, SE Section 9: SWSW Section 17: NE Section 18: Lots 3-4, E2SW, SE Section 19: Lots 1-2, NE, E2NW Section 21: N2 Section 22: NW, W2NE, SENE	USA UTU-64379 HBP	Newfield Production Company Newfield RMI LLC Yates Petroleum Corporation	USA
8	<u>Township 9 South, Range 16 East SLM</u> Section 8: SENE Section 9: S2NW	USA UTU-79833 HBP	Newfield Production Company Newfield RMI LLC Yates Petroleum Corporation Yates Drilling Company ABO Petroleum Corporation MYCO Industries, Inc.	USA
9	<u>Township 9 South, Range 16 East SLM</u> Section 9: NWNW	USA UTU-020254 HBP	Newfield Production Company Newfield RMI LLC	USA

ATTACHMENT C

CERTIFICATION FOR SURFACE OWNER NOTIFICATION

RE: Application for Approval of Class II Injection Well
Monument Federal #31-8-9-16

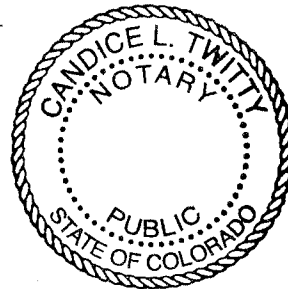
I hereby certify that a copy of the injection application has been provided to all surface owners within a one-half mile radius of the proposed injection well.

Signed: 
Newfield Production Company
Eric Sundberg
Regulatory Analyst

Sworn to and subscribed before me this 18th day of May, 2010.

Notary Public in and for the State of Colorado: Candice L. Twitty

My Commission Expires 02/10/2013



Monument Federal #31-8-9-16

Spud Date: 1/15/97
Put on Production: 2/14/97
GL: 5838' KB: 5849'

Initial Production: 194 BOPD, 93 MCFD
23 BWPD

Wellbore Diagram

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NO. OF JOINTS: 2 jts. (64.76')
SEATING NIPPLE: 2-7/8"
SN LANDED AT: 5812.68' KB
NO. OF JOINTS: 2 jt (62.22')
TOTAL STRING LENGTH: EOT @ 5876.45' w/10' KB

SUCKER RODS

POLISHED ROD: 1-1/4"x22'
SUCKER RODS: 3/4"x6'-8" ponys, 109-3/4" guided rods top 10, 96-3/4" slick rods, 20-3/4" guided rods bttm 10, 1-1-1/2" wt. bar, 5-1-5/8" wt. bars
PUMP SIZE: 2-1/2"x1-1/2"x12x16" RHAC
STROKE LENGTH: 84"
PUMP SPEED, SPM: 5 SPM
LOGS: CBL/GR

FRAC JOB

1-28-97 5225'-5358' **Frac sand as follows:**
29,840# 20/40 sand + 69,160# 16/30 sand
in 642 bbls 2% KCL. ATP-2350 psi w/avg
rate of 33.0 BPM. ISIP-4570 psi. Calc flush:
5225 gal. Actual flush: 5208 gal.

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102,000# 20/40 sand in 507 bbls Viking I-
25 fluid. Treated @ avg press of 3120 psi
w/avg rate of 15.7 BPM. ISIP 1790 psi.
Calc flush: 1476 gal. Actual flush: 1344 gal.

5/22/03 5024'-5120' **Frac B and B2 sands as follows:**
58,600# 20/40 sand in 307 bbls Viking I-25
fluid. Treated @ avg press of 3027 psi
w/avg rate of 15.4 BPM. ISIP 1830 psi.
Calc flush: 1322 gal. Actual flush: 1176 gal.

8/30/03 Tubing Leak. Update tubing and rod details.

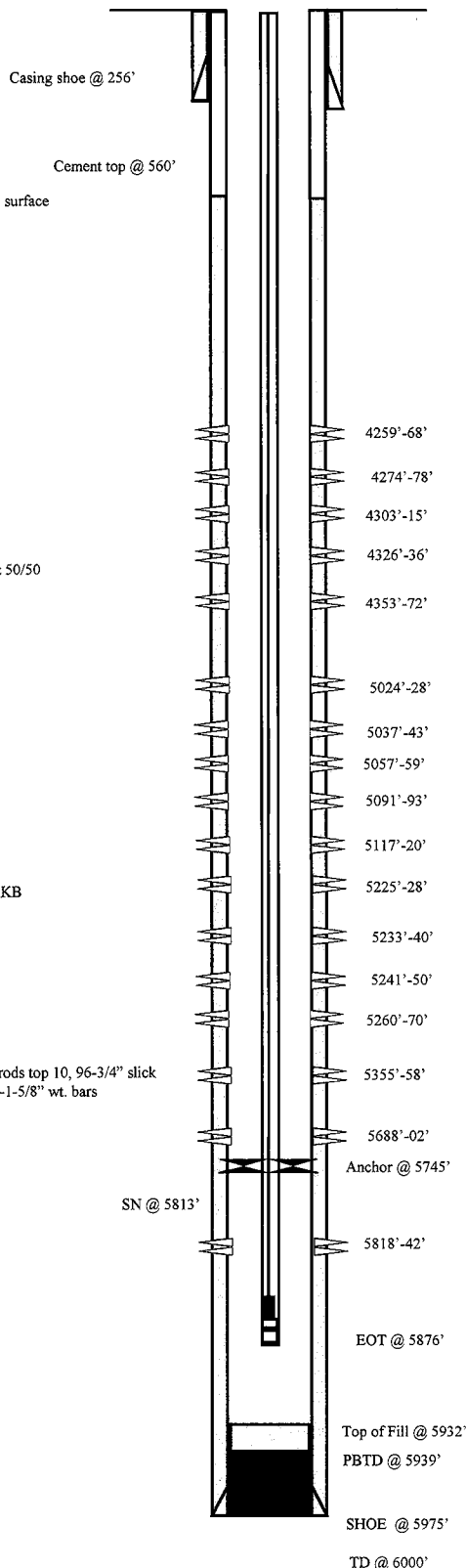
05/27/08 updated tubing and rod detail

PERFORATION RECORD

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5/21/03	5091'-5093'	4 JSPF	8 holes
5/21/03	5057'-5059'	4 JSPF	8 holes
5/21/03	5037'-5043'	4 JSPF	24 holes
5/21/03	5024'-5028'	4 JSPF	16 holes



Monument Federal #31-8-9-16
520 FNL & 2076 FEL
NWNE Section 8-T9S-R16E
Duchesne Co, Utah
API #43-013-31721; Lease #UTU-020255



Federal #23-5G-9-16

Spud Date: 7/18/88
Put on Production: 9/11/88
GL: 5821' KB: 5836'

Initial Production: 116 BOPD, 0 MCFD
64 BWPD

SURFACE CASING

CSG SIZE: 9-5/8"
GRADE: L-80
WEIGHT: 53.5#
LENGTH: 7 JTS
DEPTH LANDED: 300'
HOLE SIZE: 12-1/4"
CEMENT DATA: 165 sks Class "G" cmt, est ? bbls to surface

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: K-55
WEIGHT: 17#
LENGTH: 151 jts
HOLE SIZE: 7-7/8"
CEMENT DATA: 195 sks Class "G" & 445 sks Class "G"
CEMENT TOP AT: 1190'
SET AT: 6000'

TUBING

SIZE/GRADE/WT: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 153 jts (4737.87')
SEATING NIPPLE: 2-7/8"x1.10'
SN LANDED AT: 4752.87' KB
PACKER: 4753.97' KB
TOTAL STRING LENGTH: EOT @ 4761.28' KB

Proposed Injection
Wellbore Diagram

Cement Top @ 1190'

Packer @ 4753'

4851'-55' D1

4857'-77' D1

5020'-34' C-SD

5143'-5148' B2

5252'-5257' A .5

5292'-5301' A1

5736'-46' CP .5

SN @ 4752'
EOT @ 4761'
Top of fill @ 5762'
PBTD @ 5911'
TD @ 6000'

FRAC JOB

8/18/90 5736'-5746' 961 bbls, 102,000# 20/40 sand. ISIP-2010 psi, 5 min 1836 psi. Avg rate of 40 BPM @ 1900 psi.
8/20/90 5292'-5301' 564 bbls, 54,000# 20/40 sand. ISIP-1950 psi, 5 min 1525 psi. Avg rate of 30 BPM @ 2050 psi.
8/22/90 5020'-5034' 890 bbls, 92,000# 20/40 sand. ISIP-2560 psi, 5 min 1708 psi. Avg rate of 35 BPM @ 2148 psi.
8/24/90 4851'-4877' 1453 bbls, 136,000# 20/40 sand. ISIP-2078 psi, 5 min 1817 psi. Avg rate of 45 BPM @ 2000 psi.
4/15/02 5143'-5257' Broke B2 & A5 zones w/ 2.6 bbl acid & 34 bbl water. Treat @ 1.25 BPM @ 900 psi.
3/23/07 5 Year MIT completed and submitted.

PERFORATION RECORD

8/17/90 5736'-5746' 4 JSPF 40 holes
8/19/90 5292'-5301' 4 JSPF 36 holes
8/21/90 5020'-5034' 4 JSPF 56 holes
8/23/90 4851'-4877' 4 JSPF 104 holes
4/15/02 5252'-5257' 4 JSPF 20 holes
4/15/02 5143'-5148' 4 JSPF 20 holes

NEWFIELD

Federal #23-5G-9-16
2134 FWL & 1592 FSL
NESW Section 5-T9S-R16E
Duchesne Co, Utah
API #43-013-31207; Lease #U-30096

Wells Draw #10-5-9-16

Spud Date: 3/14/2000
Put on Production: 4/10/2000
GL: 5843' KB: 5853'

Initial Production: 80 BOPD,
258 MCFD, 1 BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (297.24')
DEPTH LANDED: 309.09'
HOLE SIZE: 12-1/4"
CEMENT DATA: 141 sxs Class "G" cmt,

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 130 jts. (5995.54')
DEPTH LANDED: 5993.14'
HOLE SIZE: 7-7/8"
CEMENT DATA: 265 sk Prem. Lite II mixed & 400 sxs 50/50 POZ.
CEMENT TOP: 880' per CBL

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 169 jts (5284.20')
TUBING ANCHOR: 5284.2'
NO. OF JOINTS: 2 jts (62.9')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5349.9'
NO. OF JOINTS: 1 jts (31.4')
TOTAL STRING LENGTH: EOT @ 5383'

SUCKER RODS

POLISHED ROD: 1-1/2" x 22'
SUCKER RODS: 1- 4' x 3/4" pony rod, 1- 2' x 3/4" pony rod, 208- 3/4" guided rods, 6- 1 1/2" weight bars
PUMP SIZE: 2-1/2" x 1-1/2" x 16' RHAC
STROKE LENGTH: 84"
PUMP SPEED, SPM: 5 spm
LOGS: Dual Lateralog, GR, SP, Spectral Density-Dual Spaced Neutron, CBL-GR

FRAC JOB

4/05/00 5323'-71' **Frac A sands as follows:**
96,000# 20/40 sand in 604 bbls Viking 1-25 fluid. Treated @ avg press of 1700 psi w/ avg rate of 33 BPM. ISIP: 2200 psi. Calc. flush: 5323 gal. Actual flush: 5250 gal.

4/05/00 4903'-5075' **Frac D/C sands as follows:**
119,171# 20/40 sand in 634 bbls Viking 1-25 fluid. Treated @ avg press of 2360 psi w/ avg rate of 34.3 BPM. ISIP: 2370 psi. Calc. flush: 4903 gal. Actual flush: 4830 gal.

12/19/01 Pump change. Update pump details.

9/27/02 4307'-4456' **Frac GB 2,4,6 sands as follows:**
88,800# 20/40 white mesh sand in 377 bbls Viking 1-25 fluid. Treated @ avg press of 2,695 psi w/ avg rate of 24.7 BPM. ISIP: 2210 psi. Calc. flush: 4307 gal. Actual flush: 4200 gal.

01/08/04 Guide complete rod string. Update rod details.

05/28/08 pump change. Updated rod and tubing details

1/20/2010 Parted rods. Updated rod and tubing detail.

Cement Top@ 880'

4307'-4310'

4342'-4346'

4352'-4359'

4438'-4445'

4452'-4456'

4582'-4586' Out of Zone-Not treated or broken down

4903'-10'

5024'-29'

5068'-75'

Anchor @ 5284'

5323'-28'

5330'-34'

5336'-51'

5355'-71'

Out of Zone-Not treated or broken down

PERFORATION RECORD

4/05/00	5355'-5371'	2 JSPF	32 holes
4/05/00	5336'-5351'	2 JSPF	30 holes
4/05/00	5330'-5334'	2 JSPF	08 holes
4/05/00	5323'-5328'	2 JSPF	10 holes
4/05/00	5068'-5075'	4 JSPF	28 holes
4/05/00	5024'-5029'	4 JSPF	20 holes
4/05/00	4903'-4910'	4 JSPF	28 holes
9/27/02	4582'-4586'	4 JSPF	16 holes
9/27/02	4452'-4456'	4 JSPF	16 holes
9/27/02	4438'-4445'	4 JSPF	28 holes
9/27/02	4352'-4359'	4 JSPF	28 holes
9/27/02	4342'-4346'	4 JSPF	16 holes
9/27/02	4307'-4310'	4 JSPF	12 holes

SN @ 5350'

EOT @ 5383'

Top of Fill: 5946'

PBSD @ 5955'

SHOE @ 5993'

TD @ 5994'

NEWFIELD**Wells Draw # 10-5-9-16**

1787' FSL & 2034' FEL

NW/SE Section 5-T9S-R16E

Duchesne Co, Utah

API #43-013-32133; Lease #UTU-034217A

South Wells Draw 16-5T-9-16

Spud Date: 4/11/03
 Put on Production: 7/11/03
 GL: 5810' KB: 5822'

Initial Production: 106 BOPD,
 86 MCFD, 19 BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8 5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (292.42')
 DEPTH LANDED: 302.42' KB
 HOLE SIZE: 12 1/4"
 CEMENT DATA: 150 sxs Class "G" cmt, est 3.5 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5 1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 140 jts. (6246.18')
 DEPTH LANDED: 6244.18' KB
 HOLE SIZE: 7 7/8"
 CEMENT DATA: 300 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ.
 CEMENT TOP AT: Surface per CBL

TUBING

SIZE/GRADE/WT: 2 7/8" / J-55 / 6.5#
 NO. OF JOINTS: 187 jts (5892.92')
 TUBING ANCHOR: 5909.92' KB
 NO. OF JOINTS: 2 jts (62.89')
 SEATING NIPPLE: 2 7/8" (1.10')
 SN LANDED AT: 5978.27 KB
 NO. OF JOINTS: 2 jts (63.00')
 TOTAL STRING LENGTH: EOT @ 6042.81' W/ KB

SUCKER RODS

POLISHED ROD: 1 1/2" x 22' SM
 SUCKER RODS: 6- 1 1/2" weight rods, 10- 3/4" scraped rods; 122- 3/4" plain rods, 99- 3/4" scraped rods, 1- 6', & 1- 2' x 3/4" pony rods
 PUMP SIZE: 2 1/2" x 1 1/2" x 10' x 14' RHAC
 STROKE LENGTH: 72"
 PUMP SPEED, SPM: 5 SPM

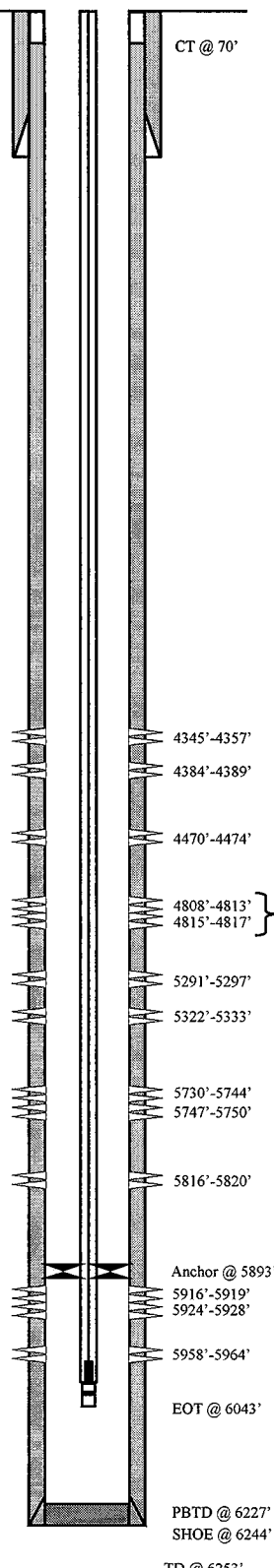
FRAC JOB

7/7/03 5730'-5964' **Frac CP.5 CP2, CP3, & CP4 sands as follows:**
 89,016# 20/40 sand in 697 Bbls Viking I-25 fluid. Treated @ avg. press of 1731 psi w/ avg rate of 24.5 BPM. ISIP: 1983 psi. Calc flush: 5728 gal. Actual flush: 5628 gal..

7/7/03 5291'-5333' **Frac A1 & A3 sands as follows:**
 52,556# 20/40 sand in 461 Bbls Viking I-25 fluid. Treated @ avg. press of 2040 psi w/ avg rate of 24.5 BPM. ISIP: 2270 psi. Calc flush: 5289 gal. Actual flush: 5208 gal.

7/7/03 4345'-4474' **Frac GB4, GB6, & PB7 sands as follows:**
 80,766# 20/40 sand in 576 Bbls Viking I-25 fluid. Treated @ avg. press of 1950 psi w/ avg rate of 24.7 BPM. ISIP: 2125 psi. Calc flush: 4343 gal. Actual flush: 4242 gal.

07/19/05 **Pump change.** Update tubing and rod details.
 02-09-07 **Tubing Leak:** Updated rod and tubing detail
 3/16/09 **Pump Change.** Updated r & t details.

PERFORATION RECORD

Date	Depth Range	Tool	Holes
7/3/03	5958'-5964'	4 JSPF	24 holes
7/3/03	5924'-5928'	4 JSPF	16 holes
7/3/03	5916'-5919'	4 JSPF	12 holes
7/3/03	5816'-5820'	4 JSPF	16 holes
7/3/03	5747'-5750'	4 JSPF	12 holes
7/3/03	5730'-5744'	4 JSPF	56 holes
7/7/03	5322'-5333'	4 JSPF	44 holes
7/7/03	5291'-5297'	4 JSPF	24 holes
7/7/03	4815'-4817'	4 JSPF	8 holes
7/7/03	4808'-4813'	4 JSPF	20 holes
7/7/03	4470'-4474'	4 JSPF	16 holes
7/7/03	4384'-4389'	4 JSPF	20 holes
7/7/03	4345'-4357'	4 JSPF	48 holes



South Wells Draw 16-5T-9-16
 897' FSL & 823' FEL
 SE/SE Section 5-T9S-R16E
 Duchesne Co, Utah
 API #43-013-32433 ; Lease #UTU-73086

West Point 14-5-9-16

Spud Date: 6/25/02
Put on Production: 8/17/02

GL: 5840' KB: 5850'

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (303.36')
DEPTH LANDED: 311.36' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 150 sxs Class "G" cmt, est 5 bbls cmt to surf.

PRODUCTION CASING

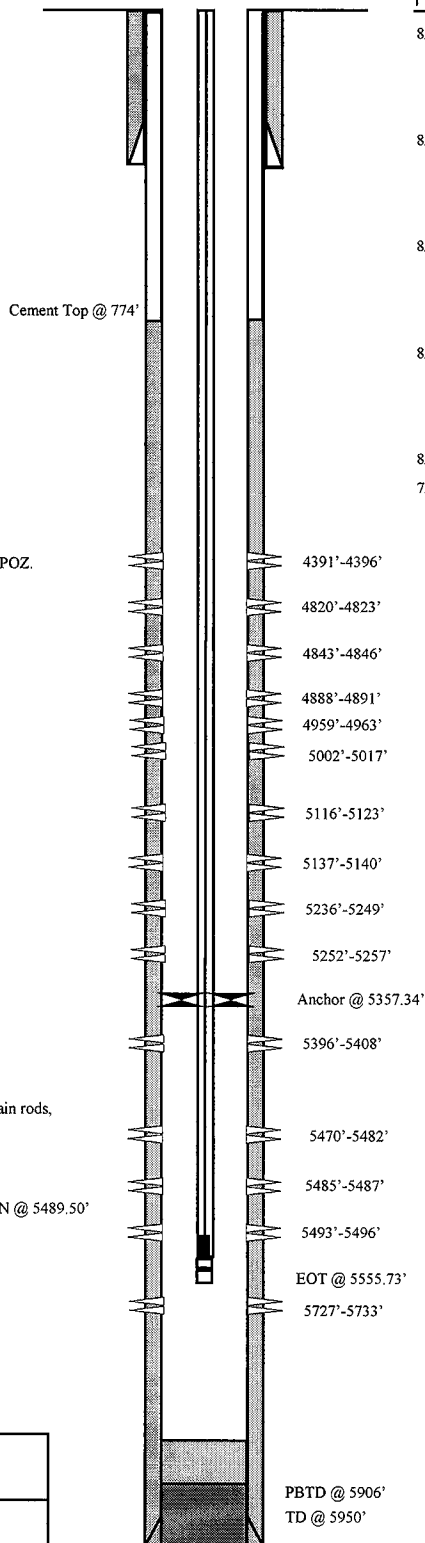
CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 133 jts. (5933.26')
DEPTH LANDED: 5928.86' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 275 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.
CEMENT TOP AT: 774' per CBL

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55
NO. OF JOINTS: 166 jts (5347.34')
TUBING ANCHOR: 5357.34'
NO. OF JOINTS: 4 jts (129.41')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5489.50'
NO. OF JOINTS: 2 jts (64.68')
TOTAL STRING LENGTH: EOT @ 5555.73'

SUCKER RODS

POLISHED ROD: 1-1/2" x 26' polished rod
SUCKER RODS: 1-4' x 3/4" pony, 99- 3/4" scraped rods, 92-3/4" plain rods, 22- 3/4" scraped rods, 6- 1/ 1/2 weight rods
PUMP SIZE: Randy's 2-1/2" x 1-1/2" x 15' RHAC W/ sm Plunger
STROKE LENGTH: 76"
PUMP SPEED, SPM: 5 SPM

Wellbore Diagram

Initial Production: 73 BOPD,
121 MCFD, 30 BWPD

FRAC JOB

8/14/02 5396'-5733' **Frac LODC & CP1 sand as follows:**
147,942# 20/40 sand in 1008 bbls Viking I-25 fluid. Treated @ avg press of 2000 psi w/avg rate of 28.3 BPM. ISIP 2900 psi. Calc flush: 5396 gal. Actual flush: 5313 gal.

8/14/02 5116'-5257' **Frac B2, A 0.5 sand as follows:**
99,751# 20/40 sand in 707 bbls Viking I-25 fluid. Treated @ avg press of 1950 psi w/avg rate of 28.3 BPM. ISIP 2000 psi. Calc flush: 5116 gal. Actual flush: 5040 gal.

8/14/02 4820'-5017' **Frac D & C sand as follows:**
79,058# 20/40 sand in 582 bbls Viking I-25 fluid. Treated @ avg press of 1900 psi w/avg rate of 28 BPM. ISIP 2100 psi. Calc flush: 4820 gal. Actual flush: 4704 gal.

8/14/02 4391'-4396' **Frac GB6 sand as follows:**
25,395# 20/40 sand in 257 bbls Viking I-25 fluid. Treated @ avg press of 2650 psi w/avg rate of 24 BPM. ISIP 2280 psi. Calc flush: 4391 gal. Actual flush: 4284 gal.

8/10/07 Stuck pump. Updated rod & tubing detail.
7/17/08 Pump change. Updated rod and tubing detail

PERFORATION RECORD

Date	Depth Range	Tool	Holes
8/13/02	5727'-5733'	4 JSPF	24 holes
8/13/02	5493'-5496'	4 JSPF	12 holes
8/13/02	5485'-5487'	4 JSPF	08 holes
8/13/02	5470'-5482'	4 JSPF	48 holes
8/13/02	5396'-5408'	4 JSPF	48 holes
8/14/02	5252'-5257'	4 JSPF	20 holes
8/14/02	5236'-5249'	4 JSPF	52 holes
8/14/02	5137'-5140'	4 JSPF	12 holes
8/14/02	5116'-5123'	4 JSPF	28 holes
8/14/02	5002'-5017'	4 JSPF	60 holes
8/14/02	4959'-4963'	4 JSPF	16 holes
8/14/02	4888'-4891'	4 JSPF	12 holes
8/14/02	4843'-4846'	4 JSPF	12 holes
8/14/02	4820'-4823'	4 JSPF	12 holes
8/14/02	4391'-4396'	4 JSPF	20 holes

NEWFIELD**West Point #14-5-9-16**

660' FSL & 1980' FWL

SESW Section 5-T9S-R16E

Duchesne Co, Utah

API #43-013-32328; Lease #UTU-73087

South Wells Draw #15-5-9-16

Spud Date: 6/25/02
 Put on Production: 8/23/02
 GL: 5877' KB: 5887'

SURFACE CASING

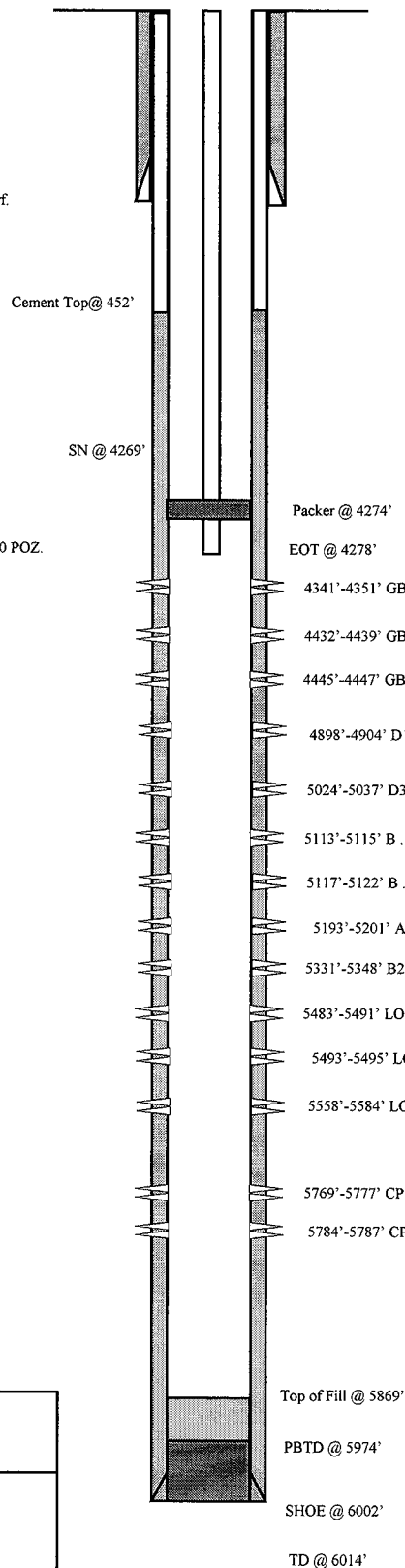
CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (299.87')
 DEPTH LANDED: 307.87' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 150 sxs Class "G" cmt, est 3 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 134 jts. (6004.30')
 DEPTH LANDED: 6001.90' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 300 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.
 CEMENT TOP AT: 452' per CBL

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 111 jts (4258.94')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 4268.94' KB
 PACKER AT: 4274'
 TOTAL STRING LENGTH: EOT @ 4277.84' KB

Injection Wellbore Diagram

Initial Production: 109 BOPD,
 188 MCFD, 28 BWPD

FRAC JOB

8/20/02 5483'-5787' **Frac LODC, CP1 sands as follows:**
 150,000# 20/40 sand in 627 bbls Viking I-25 fluid. Treated @ avg press of 1800 psi w/avg rate of 27 BPM. ISIP 2080 psi. Calc flush: 5483 gal. Actual flush: 5418 gal.

8/20/02 5193'-5348' **Frac A1, B2 sands as follows:**
 75,000# 20/40 sand in 319 bbls Viking I-25 fluid. Treated @ avg press of 1810 psi w/avg rate of 26.6 BPM. ISIP 2040 psi. Calc flush: 5193 gal. Actual flush: 5166 gal.

8/20/02 4898'-5122' **Frac D1, B3, B0.5 sands as follows:**
 75,000# 20/40 sand in 325 bbls Viking I-25 fluid. Treated @ avg press of 1740 psi w/avg rate of 26.9 BPM. ISIP 1970 psi. Calc flush: 4898 gal. Actual flush: 4830 gal.

8/20/02 4341'-4447' **Frac GB4, GB6 sands as follows:**
 48,380# 20/40 sand in 215 bbls Viking I-25 fluid. Treated @ avg press of 1850 psi w/avg rate of 26.4 BPM. ISIP 2065 psi. Calc flush: 4341 gal. Actual flush: 4284 gal.

5/13/04 **Pump change. Update rod details.**
 7/2/04 **Injection Conversion**
 6/7/06 **Well Recompleted**
 7/1/06 **MIT completed and submitted.**

PERFORATION RECORD

Date	Depth Range	Tool Joint	Holes
8/19/02	5784'-5787'	4 JSPF	12 holes
8/19/02	5769'-5777'	4 JSPF	30 holes
8/19/02	5558'-5584'	4 JSPF	104 holes
8/19/02	5493'-5495'	4 JSPF	08 holes
8/19/02	5483'-5491'	4 JSPF	32 holes
8/20/02	5331'-5348'	4 JSPF	68 holes
8/20/02	5193'-5201'	4 JSPF	32 holes
8/20/02	5117'-5122'	4 JSPF	20 holes
8/20/02	5113'-5115'	4 JSPF	08 holes
8/20/02	5024'-5037'	4 JSPF	68 holes
8/20/02	4898'-4904'	4 JSPF	24 holes
8/20/02	4445'-4447'	4 JSPF	08 holes
8/20/02	4432'-4439'	4 JSPF	28 holes
8/20/02	4341'-4351'	4 JSPF	40 holes



South Wells Draw #15-5-9-16
 568' FSL & 1975' FEL
 WSE Section 5-T9S-R16E
 Duchesne Co, Utah
 API #43-013-32329; Lease #UTU-73068

West Point 4-8-9-16

Spud Date: 2/28/2001
Put on Production: 3/31/2001
GL: 5938' KB: 5948'

Initial Production: 294 BOPD,
272 MCFD, 74 BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (293.39')
DEPTH LANDED: 303.39'
HOLE SIZE: 12-1/4"
CEMENT DATA: 145 sxs Class "G" cmt,

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 145 jts. (6051.09')
DEPTH LANDED: 6046.69'
HOLE SIZE: 7-7/8"
CEMENT DATA: 275 sk Prem. Lite II mixed & 475 sxs 50/50 POZ.
CEMENT TOP: 70'

TUBING

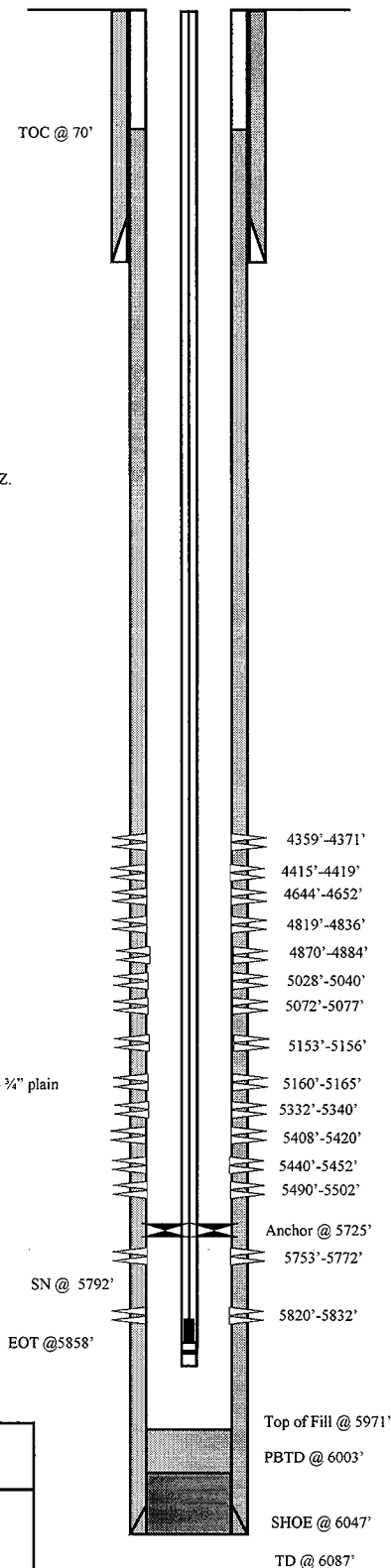
SIZE/GRADE/WT.: 2-7/8" / J-55
NO. OF JOINTS: 177 jts. (5714.21')
TUBING ANCHOR: 5724.78' KB
NO. OF JOINTS: 2 jts. (66.36')
SEATING NIPPLE: 2-3/8" (1.10')
SN LANDED AT: 5792.13' KB
NO. OF JOINTS: 2 jts. (65.63')
TOTAL STRING LENGTH: EOT @ 5858.31 W/ 10' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 22' SM
SUCKER RODS: 1-2' X 3/4" pony rods, 90- 3/4" scraped rods, 95- 3/4" plain rods, 40- 3/4" scraped rods, 6- 1 1/2" weight rods
PUMP SIZE: 2-1/2" x 1-1/2" x 12' x 15 1/2' RHAC
STROKE LENGTH: 74"
PUMP SPEED, SPM: 5

FRAC JOB

3/23/01	5753'-5832'	Frac CP sands as follows: 134,800# 20/40 sand in 909 bbls Viking 1-25 fluid. Treated @ avg press of 1800 psi w/ avg rate of 30 BPM. ISIP: 1970 psi. Calc. flush: 5753 gal. Actual flush: 5670 gal.
3/27/01	5332'-5502'	Frac A & LODC sands as follows: 428,400# 20/40 sand in 2613 bbls Viking 1-25 fluid. Treated @ avg press of 2400 psi w/ avg rate of 37.4 BPM. ISIP: 2560 psi. Calc. flush: 5332 gal. Actual flush: 6498 gal.
3/28/01	4819'-4884'	Frac D sands as follows: 152,950# 20/40 sand in 990 bbls Viking 1-25 fluid. Treated @ avg press of 1850 psi w/ avg rate of 29.5 BPM. ISIP: 2080 psi. Calc. flush: 4819 gal. Actual flush: 4746 gal.
5/13/03	5028'-5165'	Frac C and B2 sands as follows: 74,863# 20/40 sand in 583 bbls Viking 1-25 fluid. Treated @ avg press of 3490 psi w/ avg rate of 17.7 BPM. ISIP: 1750 psi. Calc. flush: 1313 gal. Actual flush: 1218 gal.
5/14/03	4359'-4652'	Frac GB and PB sands as follows: 75,090# 20/40 sand in 549 bbls Viking 1-25 fluid. Treated @ avg press of 1795 psi w/ avg rate of 25 BPM. ISIP: 2075 psi. Calc. flush: 4357 gal. Actual flush: 4284 gal.
10/12/05		Parted Rods.
10/13/05		Parted Rods. Detail tubing and rod updated.
2-17-06		Tubing Leak. Updated rod and tubing detail.
12-6-07		Pump Change. Updated rod & tubing details.

PERFORATION RECORD

3/23/01	5820'-5832'	4 JSPF	48 holes
3/23/01	5753'-5772'	4 JSPF	76 holes
3/27/01	5490'-5502'	4 JSPF	48 holes
3/27/01	5440'-5452'	4 JSPF	48 holes
3/27/01	5408'-5420'	4 JSPF	48 holes
3/27/01	5332'-5340'	4 JSPF	32 holes
3/28/01	4870'-4884'	4 JSPF	56 holes
3/28/01	4819'-4836'	4 JSPF	68 holes
5/13/03	5160'-5165'	4 JSPF	20 holes
5/13/03	5153'-5156'	4 JSPF	12 holes
5/13/03	5072'-5077'	4 JSPF	20 holes
5/13/03	5028'-5040'	4 JSPF	48 holes
5/13/03	4644'-4652'	4 JSPF	32 holes
5/13/03	4415'-4419'	4 JSPF	16 holes
5/13/03	4359'-4371'	4 JSPF	48 holes

NEWFIELD

West Point 4-8-9-16
972' FNL & 798' FWL
NWNW Section 8-T9S-R16E
Duchesne Co, Utah
API #43-013-32208; Lease #UTU-74390

Spud Date: 2/20/200
 Put on Production: P/A
 GL: 5913' KB: 5923'

West Point #3-8

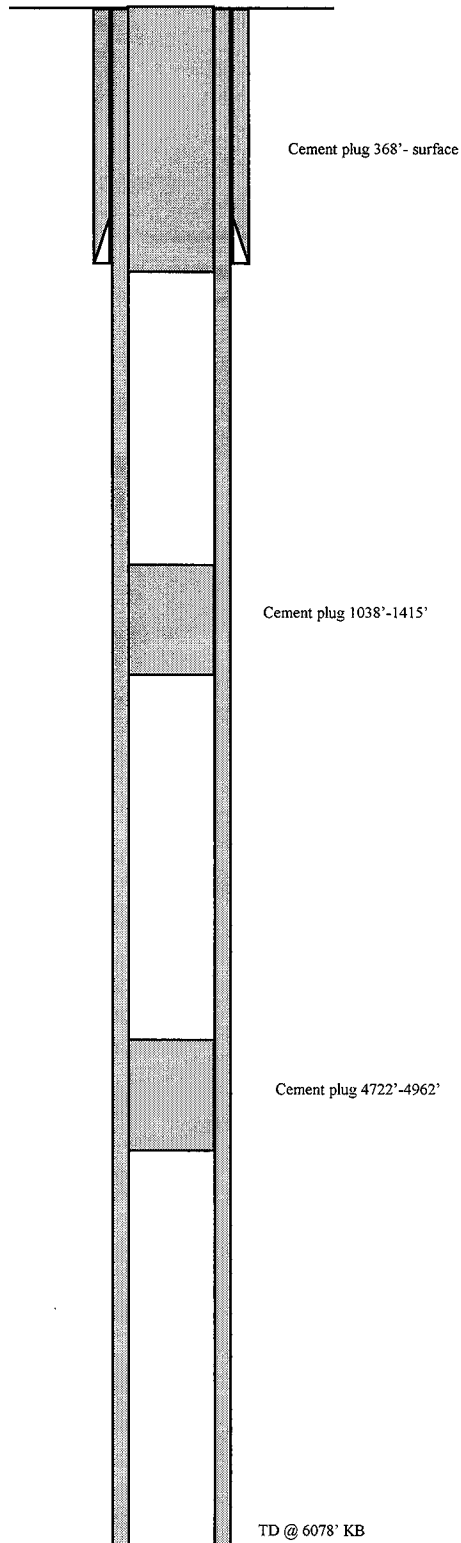
Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (306.36')
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 145 sxs Class "G" cmt

PLUGGING PROCEDURE

Spot 93 sxs Class G cement across interval 4722'-4962'
 Spot 150 sxs Class G cement across interval 1038'-1415'
 Spot 127 sxs Class G cement across interval 368'-surface
 Remove casing head, install plate style dry hole marker.



West Point #3-8-9-16
 711' FNL & 1957' FWL
 NENW Section 8-T9S-R16E
 Duchesne Co, Utah
 API #43-013-32207; Lease #UTU-74390

SWD Fed #B-8-9-16

Spud Date: 06/11/08
Put on Production: 10/13/08
GL: 5852' KB: 5864'

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts (312.79')
DEPTH LANDED: 324.64'
HOLE SIZE: 12-1/4"
CEMENT DATA: 1- 160, sxs Class "G" cmt, est 9 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 137 jts (6316.75')
DEPTH LANDED: 6330'
HOLE SIZE: 7-7/8"
CEMENT DATA: 350 sx Premilite II and 450 sx 50/50 Poz
CEMENT TOP AT: 38'

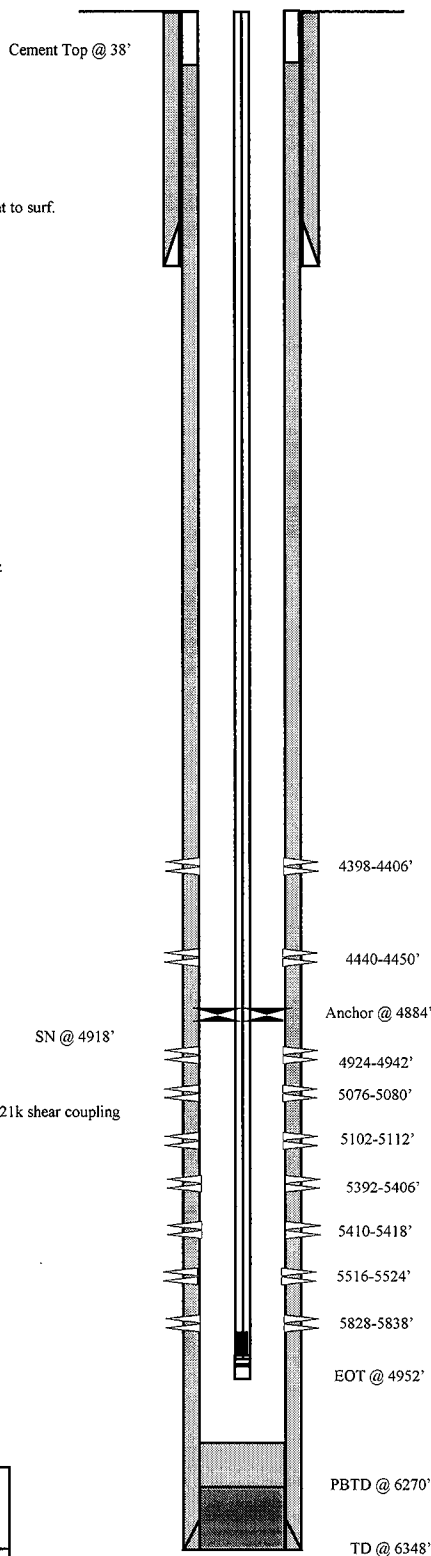
TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55/
NO. OF JOINTS: 157 jts (4872.21')
TUBING ANCHOR: 2.80 @ 4884.21
NO. OF JOINTS: 1 jts (30.85')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 4917.86
NO. OF JOINTS: 1 (30.85)
TOTAL STRING LENGTH: EOT @ 4951.91'

SUCKER RODS

POLISHED ROD: 1 1/2" x 26' polished rod
SUCKER RODS: 191-7/8" guided (8 per), 4-1 1/2" wt bars, 21k shear coupling
PUMP SIZE: 2 1/2" x 2" x 24' RHBC CDI
STROKE LENGTH: 120'
PUMP SPEED, SPM: 5

Wellbore Diagram

**FRAC JOB**

7/15/08 5828-5838' **Frac CP.5 sds as follows:**
24,700# 20/40 sand in 369 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2765 psi @ ave rate of 23 BPM. ISIP 2282 psi. Actual flush: 5326 gals.

7/15/08 5516-5524' **Frac LODC sds as follows:**
25,258# 20/40 sand in 358 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2103 psi @ ave rate of 23.1 BPM. ISIP 1740 psi. Actual flush: 5011 gals.

7/15/08 5392-5406' **Frac A1 sds as follows:**
100,294# 20/40 sand in 743 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2210 psi @ ave rate of 23 BPM. ISIP 1740 psi. Actual flush: 4889 gals.

7/16/08 5076-5080' **Frac C sds as follows:**
59,951# 20/40 sand in 506 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2103 psi @ ave rate of 23 BPM. ISIP 2180 psi. Actual flush: 4570 gals.

7/16/08 4924-4942' **Frac D1 sds as follows:**
128,411# 20/40 sand in 906 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2326 psi @ ave rate of 25.6 BPM. ISIP 2411 psi. Actual flush: 4418 gals.

7/16/08 4398-4406' **Frac GB4 & GB6 sds as follows:**
99,112# 20/40 sand in 716 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2003 psi @ ave rate of 25.7 BPM. ISIP 2008 psi. Actual flush: 4326 gals.

PERFORATION RECORD

4398-4406'	4 JSPF	32 holes
4440-4450'	4 JSPF	40 holes
4924-4942'	4 JSPF	72 holes
5076-5080'	4 JSPF	16holes
5102-5112'	4 JSPF	40 holes
5392-5406'	4 JSPF	56 holes
5410-5418'	4 JSPF	32 holes
5516-5524'	4 JSPF	32 holes
5828-5838'	4 JSPF	40 holes

NEWFIELD

SWD Fed #B-8-9-16
527' FNL & 2066' FEL
NWNE Section 8-T9S-R16E
Duchesne Co, Utah
API #43-013-33764; Lease #UTU-020255

TW 03/02/09

South Wells Draw U-5-9-16

Spud Date: 3/26/2009
 Put on Production: 6/4/2009
 GL: 5758' KB: 5770'

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 8 jts (312')
 DEPTH LANDED: 324' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sx class 'G' cmt

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 154 jts (6273')
 HOLE SIZE: 7-7/8"
 TOTAL DEPTH: 6286.08'
 CEMENT DATA: 300 sx Prem. Lite and 400 sx 50/50 poz
 CEMENT TOP AT: 32'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 188 jts (5862')
 TUBING ANCHOR: 5874' KB
 NO. OF JOINTS: 1 jts (31.6')
 SEATING NIPPLE: 2-7/8" (1.1')
 SN LANDED AT: 5909' KB
 NO. OF JOINTS: 2 jts (63.0')
 TOTAL STRING LENGTH: EOT @ 5973'

SUCKER RODS

POLISHED ROD: 1 1/2" x 30'
 SUCKER RODS: 1 - 2' x 7/8" pony rod, 231- 7/8" guide rod (8 per),
 4 - 1 1/2" weight bars.
 PUMP SIZE: 2 1/8" x 1 3/4" x 20' RHAC
 STROKE LENGTH: 120"
 PUMP SPEED, SPM: 4

FRAC JOB

6-5-09 5884-5891' **Frac CP2 sands as follows:**
 Frac with 19,931# 20/40 sand in 340 total bbls
 inc Lightning 17 fluid.

6-5-09 5812-5820' **Frac CP1 sands as follows:**
 Frac with 24,805# 20/40 sand in 207 bbls of
 Lightning 17 fluid.

6-5-09 5344-5370' **Frac A1 sands as follows:**
 Frac with 71,697# 20/40 sand in 620 total bbls
 inc Lightning 17 fluid.

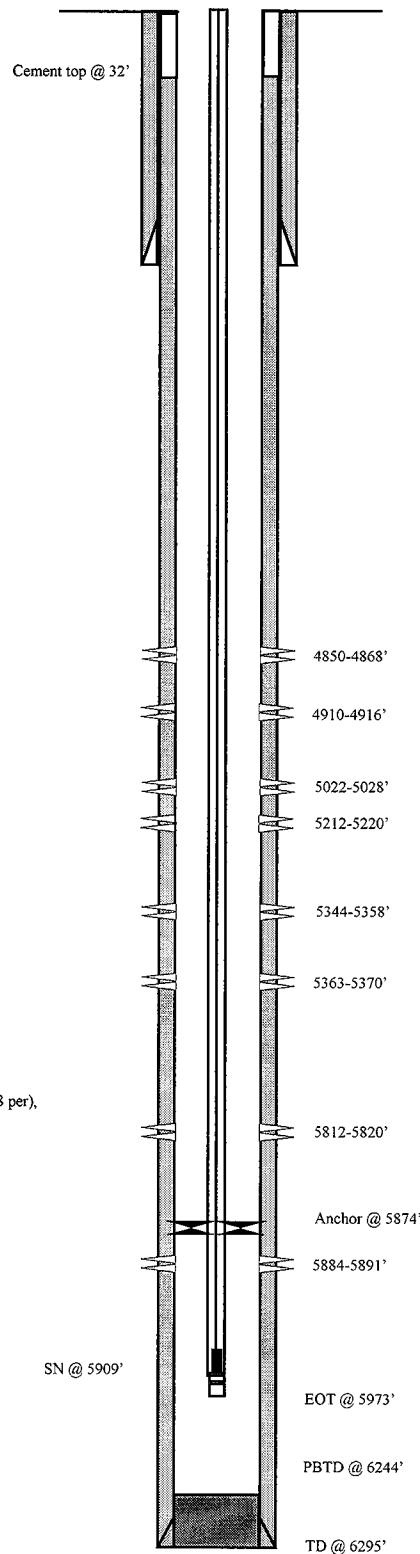
6-5-09 5212-5220' **Frac B2 sands as follows:**
 Frac with 24,698# 20/40 sand in 207 bbls of
 Lightning 17 fluid.

6-5-09 5022-5028' **Frac D3 sands as follows:**
 Frac with 25,367# 20/40 sand in 165 bbls of
 Lightning 17 fluid.

6-5-09 4850-4916' **Frac D1 & DS3 sands as follows:**
 Frac with 97,338# 20/40 sand in 597 bbls of
 Lightning 17 fluid.

PERFORATION RECORD

5884-5891' 4 JSPF 28 holes
 5812-5820' 4 JSPF 32 holes
 5363-5370' 4 JSPF 28 holes
 5344-5358' 4 JSPF 56 holes
 5212-5220' 4 JSPF 32 holes
 5022-5028' 4 JSPF 24 holes
 4910-4916' 4 JSPF 24 holes
 4850-4868' 4 JSPF 72 holes

**S Wells Draw U-5-9-16**

697' FNL & 647' FWL NW/NW

Section 5-T9S-R16E

Duchesne Co, Utah

API # 43-013-33981; Lease # UTU-73086

Spud Date: 3/17/96
 Put on Production: 4/19/96
 Put on Injection: 3/10/02
 GL: 5811' KB: 5828'

Monument Federal #41-8-9-16

Initial Production: 100 BOPD, 0 MCFD
 15 BWPD

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 6 JTS
 DEPTH LANDED: 260'
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sx Class "G" cmt w/2% CaCl & 1/4#/sx cello flakes

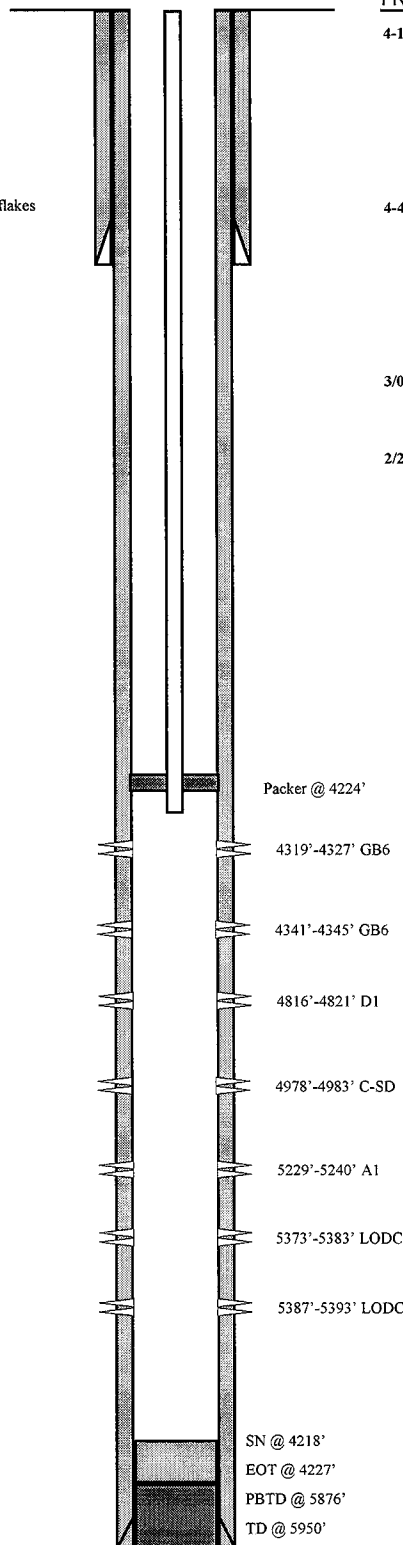
PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 134 jts (5856.58')
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 300 sx Super "G" & 350 sx Poz 50/50
 SET AT: 5919.18' KB

TUBING

SIZE/GRADE/WT: 2-7/8", J-55, 6.5#
 NO. OF JOINTS: 131 jts. (4201.84')
 SEATING NIPPLE: 2-7/8"
 SN LANDED AT: 4218.84'
 PACKER: 4224.14'
 TOTAL STRING LENGTH: EOT @ 4227.25'

Injection Wellbore Diagram



FRAC JOB

4-1-96 5229'-5240' **Frac sand as follows:**
 19,698 gals 2% KCL wtr, 26,280# 20/40 sand and 42,600# 16/30 sand. ATP: 2050 psi, ATR: 30.8 bpm, ISIP: 4400 psi, 5 min: 1690 psi, 10 min: 1410 psi, 15 min: 1320 psi. Used 469 bbls wtr. Screen out w/61,655# sand on formation.

4-4-96 4816'-4983' **Frac sand as follows:**
 18,942 gals 2% KCL gelled wtr and 60,100# 16/30 sd. ATP = 3700 psi, ATR = 34 bpm, ISIP = 5100 psi, 5 min: 1650 psi, 10 min: 1460 psi, 15 min: 1400 psi. Used 451 bbls wtr. Screen out w/51,207# sand on formation. Flow back 1 bpm. 1-1/2 hrs = 90 bbls flow back.

3/08/02 **Convert to injector. Update tubing details.**

2/21/07 **5 Year MIT completed and submitted.**

PERFORATION RECORD

Date	Depth Range	Tool	Holes
3/27/96	5229'-5240'	4 JSPF	44 holes
4/03/96	4978'-4983'		7 holes
4/03/96	4816'-4821'		7 holes
3/04/02	5387'-5393'	4 JSPF	24 holes
3/04/02	5373'-5383'	4 JSPF	40 holes
3/04/02	4341'-4345'	4 JSPF	16 holes
3/04/02	4319'-4327'	4 JSPF	32 holes



Monument Federal #41-8-9-16
 806 FNL & 605 FEL
 NENE Section 8-T9S-R16E
 Duchesne Co, Utah
 API #43-013-31619; Lease #U-020255

West Point #6-8-9-16

Spud Date: 11/10/2001
Put on Production: 12/18/2001

GL: 5886' KB: 5896'

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (303.45')
DEPTH LANDED: 311.45'
HOLE SIZE: 12-1/4"
CEMENT DATA: 150 sxs Class "G" cmt, est 1 bbl cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 137 jts. (5999.71')
DEPTH LANDED: 5997.21'
HOLE SIZE: 7-7/8"
CEMENT DATA: 275 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.
CEMENT TOP AT: 95' per CBL

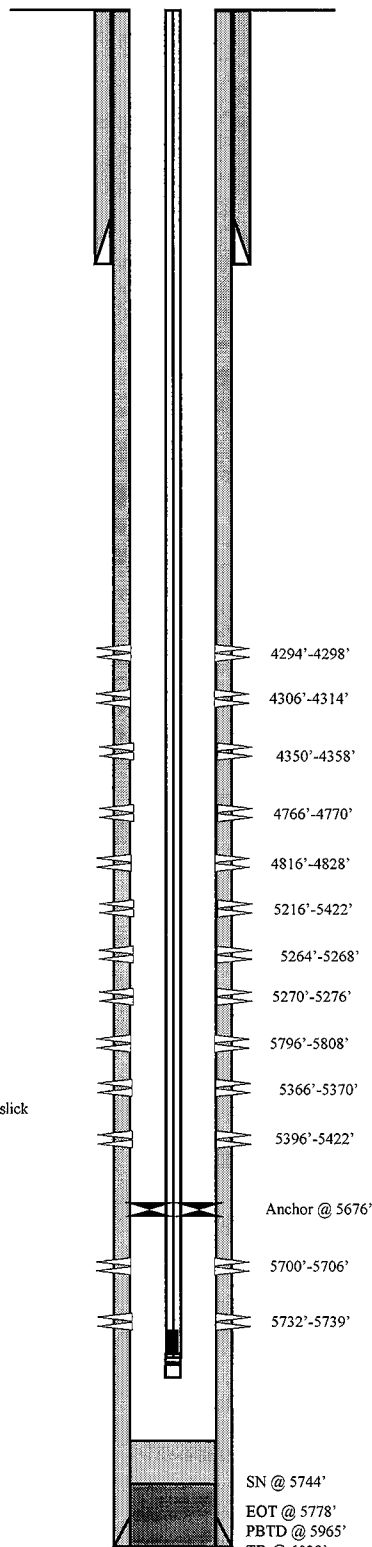
TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 174 jts (5666.64')
TUBING ANCHOR: 5676.64'
NO. OF JOINTS: 2 jts (65.16')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5744.60' KB
NO. OF JOINTS: 1 jts (32.58')
TOTAL STRING LENGTH: EOT @ 5778.73'

SUCKER RODS

POLISHED ROD: 1-1/2" x 22' SM
SUCKER RODS: 4-1 1/2" weight bars; 10-3/4" scraped rods; 125-3/4" slick rods, 90-3/4" scraper rods, 1-4", 1-8" x 3/4" pony rods.
PUMP SIZE: 2-1/2" x 1-1/2" x 15' RHAC
STROKE LENGTH: 52"
PUMP SPEED, SPM: 9 SPM
LOGS: DIGL/SP/GR/CAL

Wellbore Diagram



Initial Production: 160 BOPD,
253 MCFD, 45 BWPD

FRAC JOB

12/6/01 5700'-5739' **Frac CP sand as follows:**
50,505# 20/40 sand in 433 bbls Viking
I-25 fluid. Treated @ avg press of 1950
psi w/avg rate of 25.7 BPM. ISIP 2150
psi. Calc. flush 5700 gal: Act. flush 5628
gal.
12/7/01 5216'-5422' **Frac LODC/A sand as follows:**
163,131# 20/40 sand in 1100 bbls Viking
I-25 fluid. Treated @ avg press of 2210
psi w/avg rate of 26 BPM. ISIP 2275
psi. Calc. flush 5216 gal: Act. flush 5145
gal. Flowed 9.5 hr. then died.
12/10/01 4766'-4828' **Frac D sand as follows:**
64,699# 20/40 sand in 521 bbls Viking
I-25 fluid. Treated @ avg press of 1775
psi w/avg rate of 25.6 BPM. ISIP 1900
psi. Calc. flush 4766 gal: Act. flush 4897
gal. Flowed 5.5 hr. then died.
12/11/01 4294'-4358' **Frac GB sand as follows:**
83,741# 20/40 sand in 539 bbls Viking
I-25 fluid. Treated @ avg press of 1850
psi w/avg rate of 25.6 BPM. ISIP 221
psi. Calc. flush 4294 gal: Act. flush 4200
gal. Flowed 8 hr. then died.

PERFORATION RECORD

Date	Interval	Tool	Holes
12/06/01	5732'-5739'	4 JSPF	28 holes
12/06/01	5700'-5706'	4 JSPF	24 holes
12/07/01	5396'-5422'	4 JSPF	104 holes
12/07/01	5366'-5370'	4 JSPF	16 holes
12/07/01	5270'-5276'	4 JSPF	24 holes
12/07/01	5264'-5268'	4 JSPF	16 holes
12/07/01	5216'-5222'	4 JSPF	24 holes
12/10/01	4816'-4828'	4 JSPF	48 holes
12/10/01	4766'-4770'	4 JSPF	16 holes
12/11/01	4350'-4358'	4 JSPF	32 holes
12/11/01	4306'-4314'	4 JSPF	32 holes
12/11/01	4294'-4298'	4 JSPF	16 holes



West Point #6-8-9-16
2048' FNL & 2104' FWL
SENW Section 8-T9S-R16E
Duchesne Co, Utah
API #43-013-32282; Lease #UTU-74390

Federal 7-8-9-16

Spud Date: 1-16-07
Put on Production: 3-28-07

GL: 5889' KB: 5901'

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts (311.5')
DEPTH LANDED: 323.35' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sxs Class "G" cmt, est 4 bbls cmt to surf.

PRODUCTION CASING

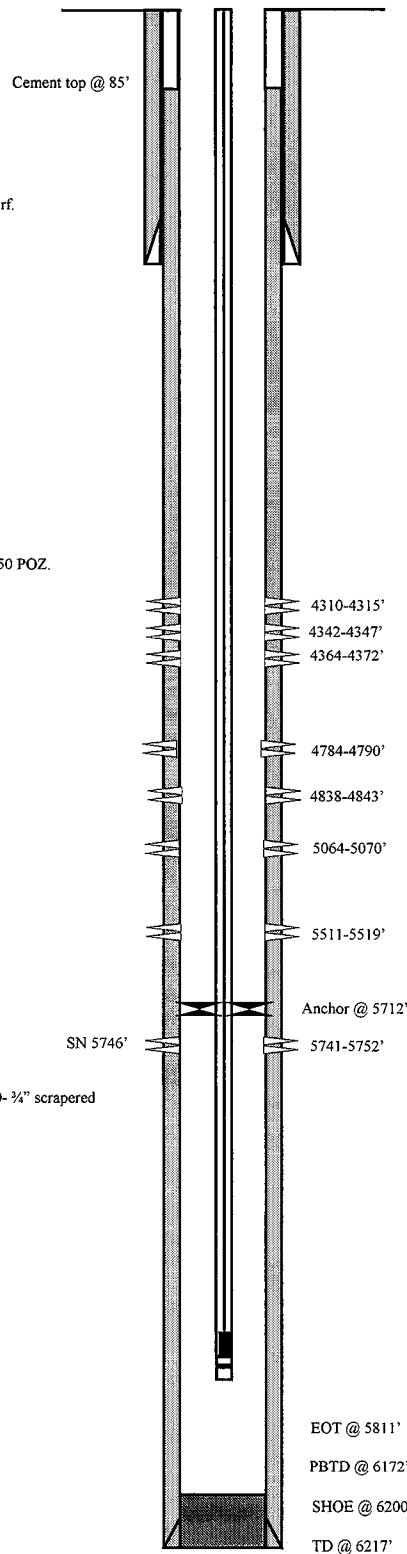
CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 141 jts. (6204.07')
DEPTH LANDED: 6217.32' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 300 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.
CEMENT TOP AT: 85'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 181 jts (5699.88')
TUBING ANCHOR: 5711.88' KB
NO. OF JOINTS: 1 jts (31.61')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5746.29' KB
NO. OF JOINTS: 2 jts (63.22')
TOTAL STRING LENGTH: EOT @ 5811' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 22' SM
SUCKER RODS: 99- 3/4" scraped rods, 114- 3/4" plain rods, 10- 3/4" scraped rods, 6- 1 1/2" weight rods.
PUMP SIZE: 2-1/2" x 1-1/2" x 15' RHAC w/SM plunger
STROKE LENGTH: 86"
PUMP SPEED, SPM: 5 SPM

Wellbore Diagram

Initial Production: BOPD,
MCFD, BWPD

FRAC JOB

04-19-07	5741-5752'	Frac CP1 sands as follows: 14783# 20/40 sand in 265 bbls Lightning 17 frac fluid. Treated @ avg press of 1736 psi w/avg rate of 25.2 BPM. ISIP 1660 psi. Calc flush: 5739 gal. Actual flush: 5208 gal.
04-19-07	5860-5870'	Frac LODC sands as follows: 35135# 20/40 sand in 375 bbls Lightning 17 frac fluid. Treated @ avg press of 2009 psi w/avg rate of 25.2 BPM. ISIP 2220 psi. Calc flush: 5858 gal. Actual flush: 5006 gal.
04-19-07	5064-5070'	Frac B1 sands as follows: 19832# 20/40 sand in 300 bbls Lightning 17 frac fluid. Treated @ avg press of 1820 psi w/avg rate of 25.5 BPM. ISIP 1850 psi. Calc flush: 5062 gal. Actual flush: 4553 gal.
04-19-07	4784-4843'	Frac DS3 sands as follows: 29693# 20/40 sand in 360 bbls Lightning 17 frac fluid. Treated @ avg press of 2140 w/avg rate of 25.4 BPM. ISIP 1980 psi. Calc flush: 4782 gal. Actual flush: 4242 gal.
04-19-07	4310-4372'	Frac GB6, & GB4 sands as follows: 71931# 20/40 sand in 538 bbls Lightning 17 frac fluid. Treated @ avg press of 2566 w/avg rate of 25.6 BPM. ISIP 1840 psi. Calc flush: 4308 gal. Actual flush: 4246 gal.

PERFORATION RECORD

04-16-07	5741-5752'	4 JSPF	44 holes
04-19-07	5511-5519'	4 JSPF	32 holes
04-19-07	5064-5070'	4 JSPF	24 holes
04-19-07	4838-4843'	4 JSPF	20 holes
04-19-07	4784-4790'	4 JSPF	24 holes
04-19-07	4364-4372'	4 JSPF	32 holes
04-19-07	4342-4347'	4 JSPF	20 holes
04-19-07	4310-4315'	4 JSPF	20 holes



Federal 7-8-9-16

2003' FNL & 2179' FEL

NW/NE Section 8-T9S-R16E

Duchesne Co, Utah

API # 43-013-33056; Lease # UTU-64379

W Point N-8-9-16

Spud Date: 3/20/2009
Put on Production: 5/8/2009

GL: 5892' KB: 5904'

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 8 jts (309')
DEPTH LANDED: 320.85' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 1- 160, sxs Class "G" cmt, est 2 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 158 jts (6106.61')
DEPTH LANDED: 6119.86
HOLE SIZE: 7-7/8"
CEMENT DATA: 300 sx primlite and 400 sx 50/50 poz
CEMENT TOP AT: 28'

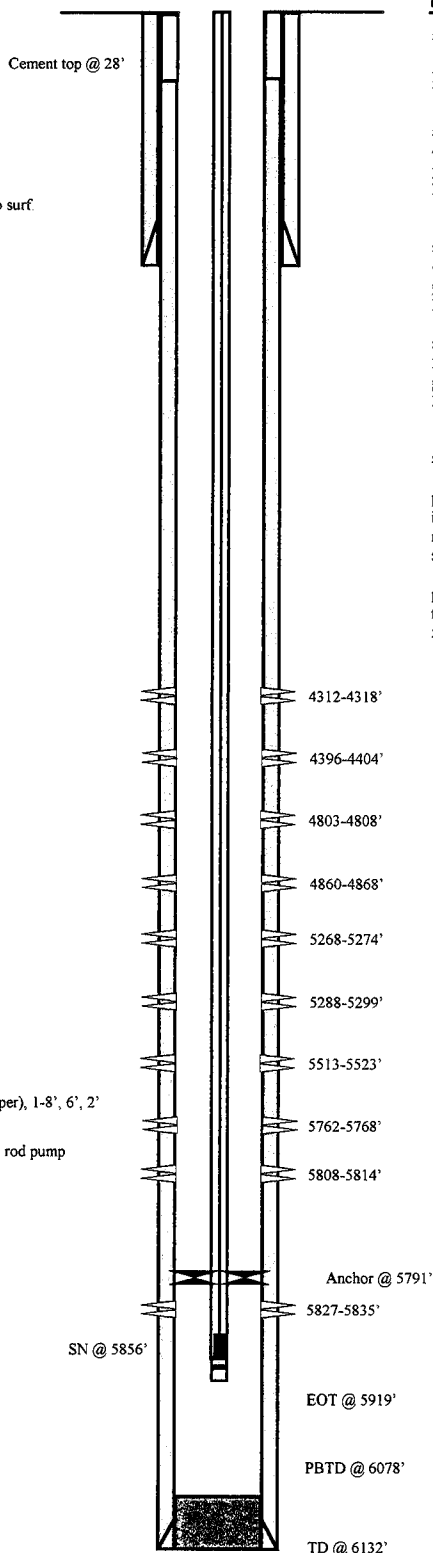
TUBING

SIZE/GRADE/WT: 2-7/8" / J-55
NO. OF JOINTS: 184 jts (5789')
TUBING ANCHOR: 5792' KB
NO. OF JOINTS: 2 jts (63 1')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5856' KB
NO. OF JOINTS: 2 jts (62.8')
TOTAL STRING LENGTH: EOT @ 5919'

SUCKER RODS

POLISHED ROD: 1 1/2" x 30' polished rod
SUCKER RODS: 4-1 1/2" weight bars, 229- 7/8" guided rods (8 per), 1-8', 6', 2' x 7/8" pony subs
PUMP SIZE: RIH w/central hydraulic 2 1/2" x 1 3/4" x 24' RHAC rod pump
STROKE LENGTH: 4.5
PUMP SPEED, SPM: 168"

Wellbore Diagram



FRAC JOB

5/11/2009 5762-5835' Frac CP.5,1,2 as follows:
19,403# 20/40 sand in 328 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2199 psi @ ave rate of 27.7 BPM. Pumped 504 gals of 15% HCL in flush for Stage #2. ISIP 2010 psi, 5 min 1806 psi, 10 min 1672 psi, 15 min 1593 psi.
5/11/2009 5513-5523' Frac LODC sds as follows:
40,685# 20/40 sand in 422 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2414 psi @ ave rate of 27.8 BPM. Pumped 504 gals of 15% HCL in flush for Stage #3. ISDP 2685 psi, 5 min 2380 psi, 10 min 2175 psi, 15 min 2063 psi.
5/11/2009 5268-5299' Frac A1 & A3 sds as follows:
45,517# 20/40 sand in 449 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2166 psi @ ave rate of 27.9 BPM. Pumped 504 gals of 15% HCL in flush for Stage #4. ISDP 2321 psi, 5 min 2166 psi, 10 min 2092 psi, 15 min 2014 psi.
5/11/2009 4803-4868' Frac D1 & DS3 sds as follows:
35,127# 20/40 sand in 365 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2039 psi @ ave rate of 27.9 BPM. Pumped 504 gals of 15% HCL in flush for Stage #5. ISDP 2317 psi, 5 min 1939 psi, 10 min 1827 psi, 15 min 1734 psi. Leave pressure on well. 1701 BWTR
5/11/2009 4396-4404' Frac GB6 sds as follows:
14,673# 20/40 sand in 260 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2246 psi @ ave rate of 28 BPM. Pumped 504 gals of 15% HCL in flush for Stage #6. ISDP 1884 psi, 5 min 1691 psi, 10 min 1645 psi, 15 min 1615 psi.
5/11/2009 4312-4318' Frac GB4 sds as follows:
17,198# 20/40 sand in 255 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2577 psi @ ave rate of 28 BPM. Screened out 7.5 bbls short of flush. Left 2470#s of sand in pipe, 14,728#s in formation. ISDP 3242 psi, 5 min 1820 psi, 10 min 1615 psi, 15 min 1596 psi.

PERFORATION RECORD

Date	Depth Range	Tool Joint	Holes
5/4/09	5827-5835'	4 JSPF	32 holes
5/4/09	5808-5814'	4 JSPF	24 holes
5/4/09	5762-5768'	4 JSPF	24 holes
5/4/09	5513-5523'	4 JSPF	40 holes
5/4/09	5288-5299'	4 JSPF	44 holes
5/4/09	5268-5274'	4 JSPF	24 holes
5/4/09	4860-4868'	4 JSPF	32 holes
5/4/09	4803-4808'	4 JSPF	20 holes
5/4/09	4396-4404'	4 JSPF	32 holes
5/4/09	4312-4318'	4 JSPF	24 holes

NEWFIELD

West Point Federal N-8-9-16

2035' FNL & 2087' FWL

SE/NW Section 8-T9S-R16E

Duchesne Co, Utah

API # 43-013-34079; Lease # UTU-74390

TW 06/30/09

Federal 8-8-9-16

Spud Date: 1-25-07
Put on Production: 5-1-07

GL: 5862' KB: 5874'

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts (311.37')
DEPTH LANDED: 323.22' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sxs Class "G" cmt, est 5 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 144 jts. (6189.94')
DEPTH LANDED: 6203.19' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 300 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.
CEMENT TOP AT: 94'

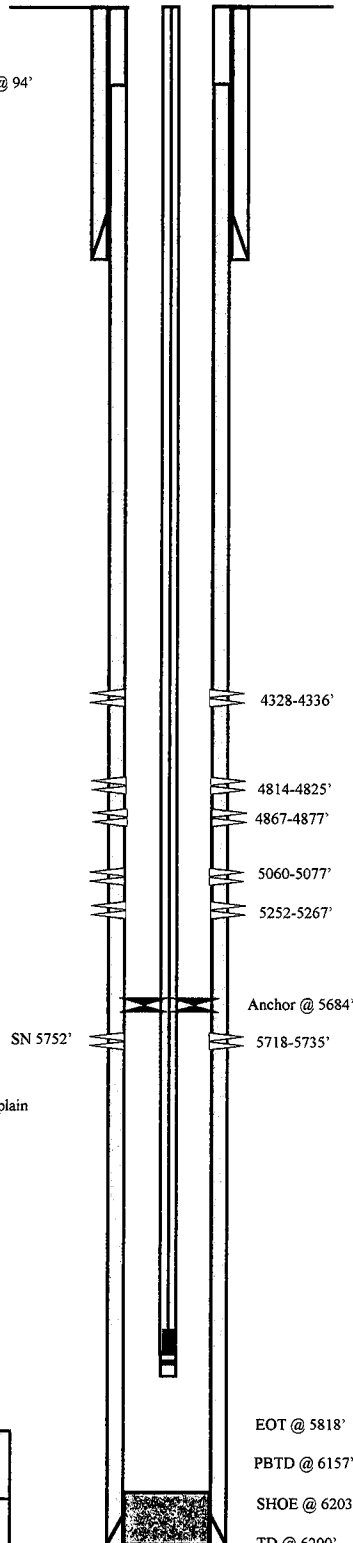
TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 192 jts (6066.48')
TUBING ANCHOR: 6078.48' KB
NO. OF JOINTS: 1 jts (31.64')
SEATING NIPPLE: 2-7/8" (1 10')
SN LANDED AT: 6112.92' KB
NO. OF JOINTS: 2 jts (63.14')
TOTAL STRING LENGTH: EOT @ 6177.61' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 22' SM
SUCKER RODS: 1-2' X 3/4" pony rods, 99- 3/4" guided rods, 129- 3/4" plain rods, 10- 3/4" guided rods, 6- 1 1/2" weighted rods.
PUMP SIZE: 2-1/2" x 1-1/2" x 14.5' RHAC w/SM plunger
STROKE LENGTH: 86"
PUMP SPEED, SPM: 5 SPM

Wellbore Diagram



Initial Production: BOPD,
MCFD, BWPD

FRAC JOB

04-23-07 5718-5735' **Frac CP1 sands as follows:**
80674# 20/40 sand in 619 bbls Lightning 17 frac fluid. Treated @ avg press of 2351 psi w/avg rate of 24.8 BPM. ISIP 2148 psi. Calc flush: 5716 gal. Actual flush: 5208 gal

04-24-07 5252-5267' **Frac a1 sands as follows:**
80738# 20/40 sand in 608 bbls Lightning 17 frac fluid. Treated @ avg press of 1873 psi w/avg rate of 23.9 BPM. ISIP 2166 psi. Calc flush: 5250 gal. Actual flush: 4788 gal

04-24-07 5060-5077' **Frac B1 sands as follows:**
75928# 20/40 sand in 549 bbls Lightning 17 frac fluid. Treated @ avg press of 1782 psi w/avg rate of 24.5 BPM. ISIP 2088 psi. Calc flush: 5058 gal. Actual flush: 4578 gal

04-24-07 4814-4877' **Frac D2, & D1 sands as follows:**
151956# 20/40 sand in 1015 bbls Lightning 17 frac fluid. Treated @ avg press of 1787 w/ avg rate of 25.1 BPM. ISIP 2055 psi. Calc flush: 4812 gal. Actual flush: 4326 gal

04-24-07 4328-4336' **Frac GB6 sands as follows:**
40746# 20/40 sand in 378 bbls Lightning 17 frac fluid. Treated @ avg press of 1820 w/ avg rate of 25.1 BPM. ISIP 1819 psi. Calc flush: 4326 gal. Actual flush: 4242 gal.

PERFORATION RECORD

Date	Depth Range	Tool Joint	Holes
04-17-07	5718-5735'	4 JSPF	68 holes
04-23-07	5252-5267'	4 JSPF	60 holes
04-24-07	5060-5077'	4 JSPF	68 holes
04-24-07	4867-4877'	4 JSPF	40 holes
04-24-07	4814-4825'	4 JSPF	44 holes
04-24-07	4328-4336'	4 JSPF	32 holes

NEWFIELD

Federal 8-8-9-16

2102' FNL & 536' FEL

SE/NE Section 8-T9S-R16E

Duchesne Co, Utah

API # 43-013-33057; Lease # UTU-79833

Spud Date: 3/11/65
 Put on Production: 4/12/65
 P&A: 2/15/74
 GL: 5811' KB: 5821'

Castle Peak Unit #9-5-9-16

Initial Production: 102 BOPD,
 50 MCFD, 3 BWPD

Cumm. Production: 24,918 BO,
 37,861 MCFG, 0 BW.

SURFACE CASING

CSG SIZE: 9-5/8"
 GRADE: H-40
 WEIGHT: 32.5#
 DEPTH LANDED: 221' KB
 HOLE SIZE:
 CEMENT DATA: 150 sxs cement.

PRODUCTION CASING

CSG SIZE: 4-1/2"
 GRADE: J-55
 WEIGHT: 11.6#
 DEPTH LANDED: 5862' KB
 HOLE SIZE:
 CEMENT DATA: 450 cubic feet cement
 CEMENT TOP AT: ? per CBL

P&A

Wellbore Diagram

FRAC JOB

10 sacks cement to surface

4602'-5747'

Frac sands as follows:

48,000# sand in 909 bbls water. Treated @
 avg press of 4500 psi w/avg rate of 50 BPM
 Started to screen out. Flush with 3948 gal
 ISIP 1800 psi.

35 sacks cement @ 170'-270'

35 sacks cement @ 1270'-1370'

35 sacks cement @ 4100'-4200'

20 sacks cement @ 4400'-4600'

4602'-4605'

5299'-5302'

5331'-5341'

5739'-5747'

TD @ 6065'

PERFORATION RECORD

5739'-5747'	1 JSPF	8 holes
5331'-5341'	1 JSPF	10 holes
5299'-5302'	1 JSPF	3 holes
4602'-4605'	1 JSPF	3 holes



Castle Peak #9-5-9-16
 819' FSL & 763' FEL
 SESE Section 5-T9S-R16E
 Duchesne Co, Utah
 API #43-013-15787; Lease #U-34217-A

Multi-Chem Group, LLC

Multi-Chem Analytical Laboratory
1553 East Highway 40
Vernal, UT 84078



Water Analysis Report

Production Company: **NEWFIELD PRODUCTION (158)**

Sample ID: **WA-37091**

Well Name: **31-8-9-16**

Sample Point: **Tank**

Sample Date: **2/16/2010**

Sales Rep: **Randy Huber**

Lab Tech: **John Keel**

Sample Specifics	
Test Date:	2/19/2010
Temperature (°F):	100
Sample Pressure (psig):	0
Specific Gravity (g/cm³):	1.0040
pH:	8
Turbidity (NTU):	-
Calculated T.D.S. (mg/L)	8368
Molar Conductivity (µS/cm):	12678
Resistivity (Mohm):	0.7888

Analysis @ Properties in Sample Specifics			
Cations	mg/L	Anions	mg/L
Calcium (Ca):	40.00	Chloride (Cl):	4000.00
Magnesium (Mg):	-	Sulfate (SO₄):	-
Barium (Ba):	10.00	Dissolved CO₂:	-
Strontium (Sr):	-	Bicarbonate (HCO₃):	1293.00
Sodium (Na):	3019.00	Carbonate (CO₃):	-
Potassium (K):	-	H₂S:	3.50
Iron (Fe):	2.09	Phosphate (PO₄):	-
Manganese (Mn):	0.09	Silica (SiO₂):	-
Lithium (Li):	-	Fluoride (F):	-
Aluminum (Al):	-	Nitrate (NO₃):	-
Ammonia NH₃:	-	Lead (Pb):	-
		Zinc (Zn):	-
		Bromine (Br):	-
		Boron (B):	-

Test Conditions		Scale Values @ Test Conditions - Potential Amount of Scale in lb/1000bbl										
		Calcium Carbonate CaCO₃		Gypsum CaSO₄ · 2H₂O		Calcium Sulfate CaSO₄		Strontium Sulfate SrSO₄		Barium Sulfate BaSO₄		Calculated CO₂
		Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	psi
100	0	7.00	19.74	0.00	-2223.20	0.00	-2346.20	-	-	0.00	-5.59	0.33
80	0	5.27	15.49	0.00	-14.79	0.00	-2496.80	-	-	0.00	-4.01	0.16
100	0	7.00	19.74	0.00	-10.77	0.00	-2346.20	-	-	0.00	-5.59	0.20
120	0	8.68	23.41	0.00	-7.87	0.00	-2125.60	-	-	0.00	-7.55	0.23
140	0	10.31	26.79	0.00	-5.77	0.00	-1866.20	-	-	0.00	-9.91	0.25
160	0	11.79	29.63	0.00	-4.29	0.00	-1594.80	-	-	0.00	-12.70	0.28
180	0	12.99	31.59	0.00	-3.29	0.00	-1331.00	-	-	0.00	-15.93	0.31
200	0	13.84	32.54	0.00	-2.61	0.00	-1088.40	-	-	0.00	-19.65	0.31
220	2.51	14.20	32.68	0.00	-2.20	0.00	-883.01	-	-	0.00	-24.19	0.32
240	10.3	14.29	31.78	0.00	-1.91	0.00	-698.34	-	-	0.00	-29.09	0.32
260	20.76	14.03	30.15	0.00	-1.75	0.00	-543.91	-	-	0.00	-34.64	0.32
280	34.54	13.50	27.92	0.00	-1.66	0.00	-417.50	-	-	0.00	-40.91	0.33
300	52.34	12.75	25.27	0.00	-1.63	0.00	-315.78	-	-	0.00	-48.01	0.33

Conclusions:

Calcium Carbonate scale is indicated at all temperatures from 80°F to 300°F

Gypsum Scaling Index is negative from 80°F to 300°F

Calcium Sulfate Scaling Index is negative from 80°F to 300°F

Strontium Sulfate scaling was not evaluated

Barium Sulfate Scaling Index is negative from 80°F to 300°F

Notes:



Multi-Chem Group, LLC

Multi-Chem Analytical Laboratory

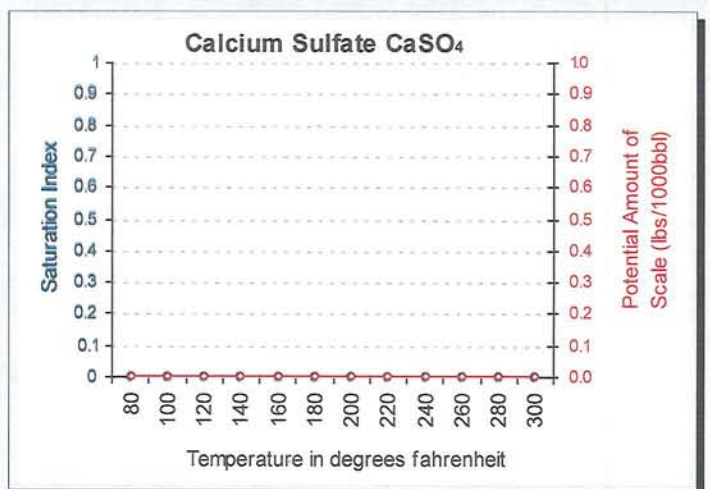
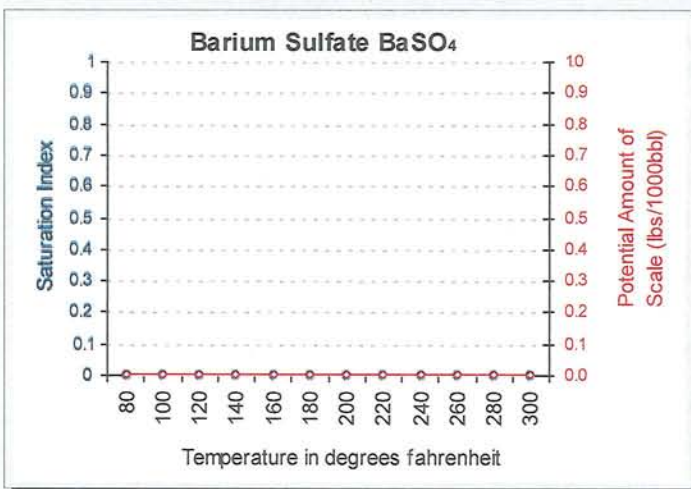
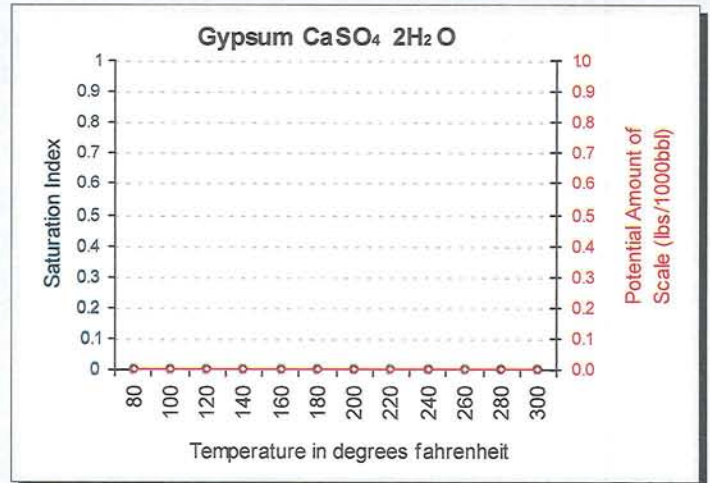
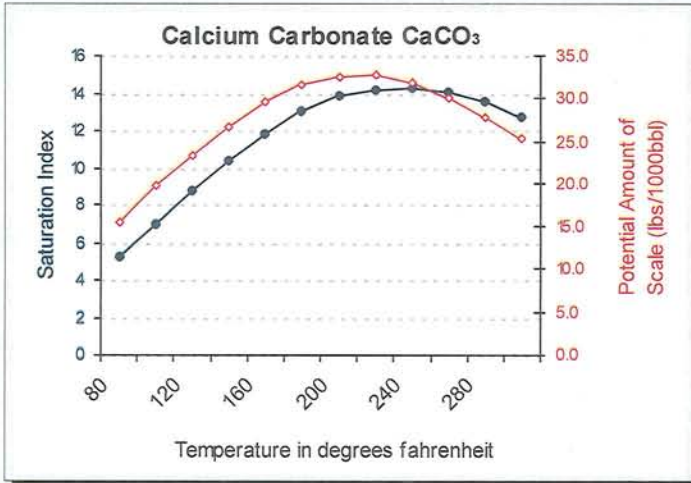
1553 East Highway 40

Vernal, UT 84078

Scale Prediction Graphs

Well Name: 31-8-9-16

Sample ID: WA-37091



Multi-Chem Group, LLC

Multi-Chem Analytical Laboratory
1553 East Highway 40
Vernal, UT 84078



Water Analysis Report

Production Company: **NEWFIELD PRODUCTION (158)**

Sample ID: **WA-35269**

Well Name: **SOUTH WELLS DRAW INJ**

Sample Point: **Tri-plex suction**

Sample Date: **1 /5 /2010**

Sales Rep: **Randy Huber**

Lab Tech: **John Keel**

Sample Specifics	
Test Date:	1/5/2010
Temperature (°F):	100
Sample Pressure (psig):	0
Specific Gravity (g/cm³):	1.0080
pH:	8.5
Turbidity (NTU):	-
Calculated T.D.S. (mg/L):	14518
Molar Conductivity (µS/cm):	21997
Resistivity (Mohm):	0.4546

Analysis @ Properties in Sample Specifics			
Cations		Anions	
	mg/L		mg/L
Calcium (Ca):	40.00	Chloride (Cl):	7000.00
Magnesium (Mg):	48.80	Sulfate (SO₄):	347.00
Barium (Ba):	3.00	Dissolved CO₂:	-
Strontium (Sr):	-	Bicarbonate (HCO₃):	1854.00
Sodium (Na):	5221.00	Carbonate (CO₃):	-
Potassium (K):	-	H₂S:	2.00
Iron (Fe):	2.29	Phosphate (PO₄):	-
Manganese (Mn):	0.18	Silica (SiO₂):	-
Lithium (Li):	-	Fluoride (F):	-
Aluminum (Al):	-	Nitrate (NO₃):	-
Ammonia (NH₃):	-	Lead (Pb):	-
		Zinc (Zn):	-
		Bromine (Br):	-
		Boron (B):	-

Test Conditions		Scale Values @ Test Conditions - Potential Amount of Scale in lb/1000bbl										
		Calcium Carbonate CaCO₃		Gypsum CaSO₄ · 2H₂O		Calcium Sulfate CaSO₄		Strontium Sulfate SrSO₄		Barium Sulfate BaSO₄		Calculated CO₂
		Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	psi
Temp °F	Gauge Press. psi											
100	0	18.63	61.28	0.01	-2464.50	0.00	-2627.60	-	-	19.57	4.84	0.12
80	0	14.85	60.19	0.01	65.24	0.00	-2798.30	-	-	29.93	4.93	0.07
100	0	18.63	61.28	0.01	76.56	0.00	-2627.60	-	-	19.57	4.84	0.08
120	0	21.65	59.58	0.01	82.61	0.01	-2371.20	-	-	13.09	4.71	0.09
140	0	23.90	57.39	0.01	83.93	0.01	-2066.00	-	-	8.93	4.52	0.10
160	0	25.14	55.68	0.01	81.37	0.01	-1744.20	-	-	6.21	4.27	0.11
180	0	25.30	54.75	0.01	76.58	0.01	-1430.50	-	-	4.39	3.93	0.12
200	0	24.51	54.39	0.01	70.28	0.02	-1141.40	-	-	3.14	3.46	0.12
220	2.51	22.80	54.08	0.01	62.89	0.03	-898.26	-	-	2.22	2.79	0.12
240	10.3	20.78	51.88	0.01	53.89	0.04	-678.18	-	-	1.62	1.93	0.12
260	20.76	18.51	46.86	0.01	45.00	0.07	-494.29	-	-	1.19	0.80	0.12
280	34.54	16.19	40.18	0.02	37.07	0.11	-344.07	-	-	0.88	-0.70	0.12
300	52.34	13.94	33.58	0.02	30.34	0.19	-223.92	-	-	0.65	-2.65	0.12

Conclusions:

Notes:

Calcium Carbonate scale is indicated at all temperatures from 80°F to 300°F

Gypsum Scaling Index is negative from 80°F to 300°F

Calcium Sulfate Scaling Index is negative from 80°F to 300°F

Strontium Sulfate scaling was not evaluated

Barium Sulfate NO CONCLUSION

Multi-Chem Group, LLC

Multi-Chem Analytical Laboratory
1553 East Highway 40
Vernal, UT 84078

multi-chem®

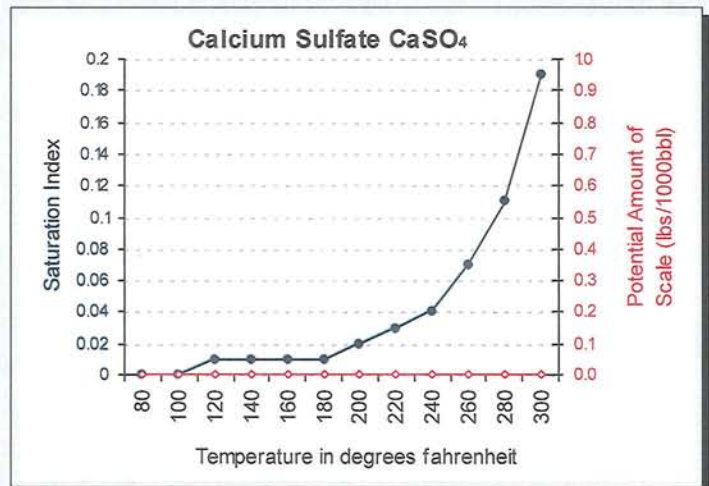
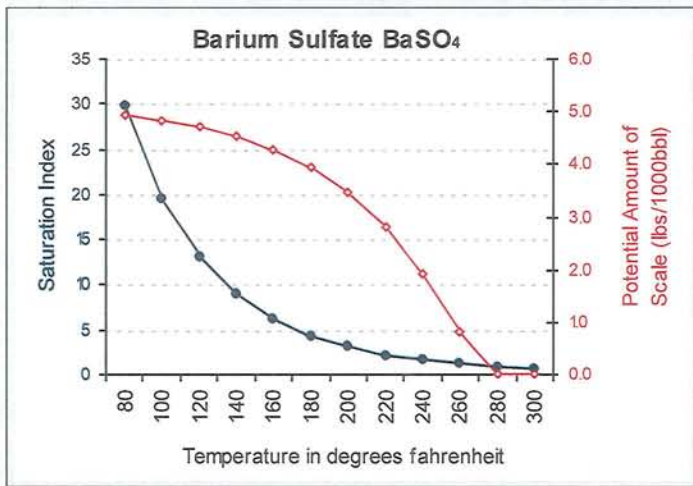
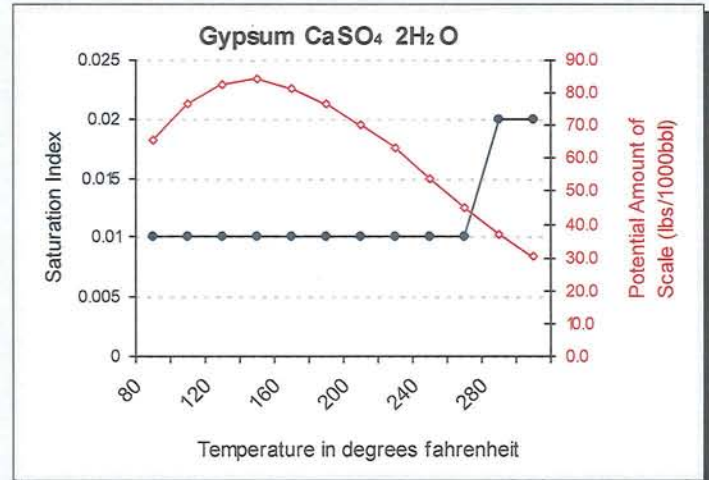
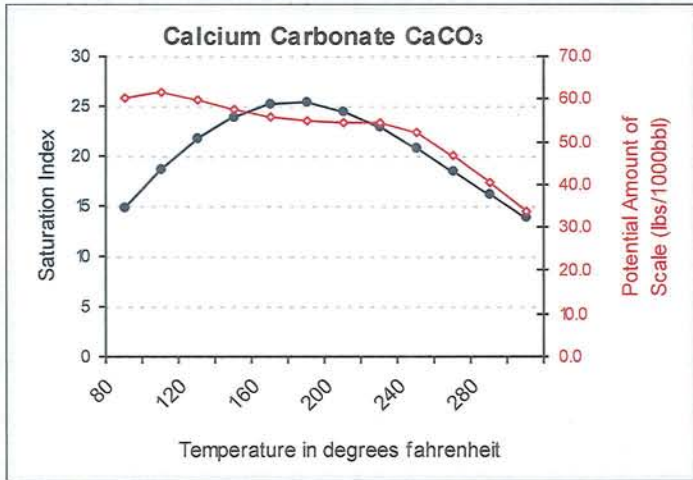


Attachment F
4074

Scale Prediction Graphs

Well Name: SOUTH WELLS DRAW INJ

Sample ID: WA-35269



Attachment "G"

**Monument Federal #31-8-9-16
Proposed Maximum Injection Pressure**

Frac Interval (feet)		Avg. Depth (feet)	ISIP (psi)	Calculated Frac Gradient (psi/ft)	Pmax
Top	Bottom				
5024	5120	5072	1830	0.80	1797
5688	5842	5765	1790	0.75	1753 ←
4259	4372	4316	2450	1.01	2422
5225	5358	5292	4570	1.31	4536
				Minimum	<u>1753</u>

Calculation of Maximum Surface Injection Pressure

$P_{max} = (\text{Frac Grad} - (0.433 \times 1.015)) \times \text{Depth of Top Perf}$
 where pressure gradient for the fresh water is .433 psi/ft and
 specific gravity of the injected water is 1.015.

$\text{Frac Gradient} = (\text{ISIP} + (0.433 \times \text{Top Perf.})) / \text{Top Perf.}$

Please note: These are existing perforations; additional perforations may be added during the actual conversion procedure.

Attachment 6-1
1 of 22

EQUITABLE RESOURCES ENERGY COMPANY

DAILY COMPLETION & WORKOVER REPORT

1-24-97
Date: 1-25-97

Well Name & No. MONUMENT FED. 31-0-9-16 Field MONUMENT BUTTE
 Sec. 6 Twp. 9.5 Rng. 16E County DUCHESSNE State WY.
 Td. 6000 Pbl. 5939 Kbm. 10 Grnd Level 5939 Fill _____ Date _____
 Tbg. Size 2 7/8 Type EUE Grade M-50 Thrd. 2 RD. Wt. 6.5 Rng. 2
 Tbg. Size _____ Type _____ Grade _____ Thrd. _____ Wt. _____ Rng. _____
 Csg. Size 5 1/2 Type LT & C Grade J-55 Thrd. 2 RD. Wt. 15.5 Rng. 3
 Csg. Size _____ Type _____ Grade _____ Thrd. _____ Wt. _____ Rng. _____
 Liner Size _____ Type _____ Grade _____ Thrd. _____ Wt. _____ Rng. _____

Perforations / Open Hole: _____

Reason For Job NEW COMPLETION Present Operation _____
 Csg. Press. _____ Tbg. Press. _____ Weather _____

TIME	DESCRIPTION OF OPERATIONS & COMMENTS
0700	DRESS UP LOG., SET BIG ANCHORS, SET BIG PUMP & TANKS.
	MIRU CANNON WELL SERVICE BIG #2
	NU 5-M WELL HEAD, NU BOP.
1-25-97	
0700	TIH W/ 4 3/4 BIT, 5 1/2 CSG, SCRAPER & 192 JTS, 2 7/8 TBG.
	TAG PBT D AT 5939' KB.
	CIRCULATE HOLE CLEEN W/ 140 BBL. 2% KCL WATER.
	PRESS. TEST CSG. & BOP TO 1000 PSI, OK.
	TOOH W/ TBG. & TOOLS.
1500	SHUT WELL IN UNTILL 1-27-97

Daily Costs: _____ Cumulative Costs: _____ Load To Recover: _____ bbls. Of WATER
 _____ bbls. Of _____

Completion Rig	\$ 1709	Tbg.	Jts.	Fl.	\$	Chemicals	\$
Bop Rental	\$ 340	Rods	Jts.	Pl.	\$	Cementing	\$
Tank Rental	\$ 180	Ponies & Pups			\$	Rig Anchors	\$ 850
Hot Oiler	\$ 325	Down Hole Pump			\$	Cals & Graders	\$ 823
Completion Fluid	\$	Ta, Ma, sn,			\$		\$
Log & perforate	\$	Well Head Equip.			\$		\$
Stimulation	\$	Valves & Fittings			\$		\$
Contract Labor	\$	Treater / Separator			\$		\$
Down Hole Tools (rental)	\$	Tanks			\$		\$
Equipment Rental	\$	Pump Unit / Engines			\$		\$
Transportation	\$ 901	D H Tools (Purchase)			\$	Supervision	\$

Operations Supervisor Dale Griffin



EQUITABLE RESOURCES ENERGY COMPANY

BALCRON OIL DIVISION

1601 Lewis Avenue
P.O. Box 21017
Billings, MT 59104-1017
(406) 259-7860

Attachment # 6-1
2 of 22
TREATMENT REPORT

DATE OF TREATMENT: 1-27-97

Well Name MONUMENT FED. 31-8-9-16 Sec. 8 TWN. 9 S RNG. 16 E
Field MONUMENT BUTTE County DUCHESSNE State MT.
Formation: GREEN RIVER (G-6 ZONE)
Perforations: 5355-58

Treatment Type: KCL BREAK DOWN Total Number of Holes: 12
Treatment Company: BJ SERVICES SAND CHARACTERISTICS

VOLUME		FLUID	CONC.			SIZE	SAND VOLUME	
SLURRY BBLs	CLEAN GAL		# / GAL	BPM	PSI		CALC.	ACTUAL
						1	#	#
						1	#	#
						1	#	#
						1	#	#
						1	#	#
						1	#	#
						1	#	#
						1	#	#
						1	#	#
						1	#	#

TOTAL FLUID PUMPED: _____ gal. _____ % Acid
1890 gal. 2% KCL Fluid
 TOTAL SAND VOLUME: _____ lbs. _____ sand
 _____ lbs. _____ sand
 _____ lbs. _____ sand

Flushed well with _____ gal. of
24 ball sealers were pumped. Was ball action seen? YES, BALL OFF
 Barrels of Load to Recover 45 BLTR
 Avg. Treating Pressure = 3000 psi, max = 5000 psi, min. = 2450 psi.
 Avg. Treating Rate = 3.2 bpm, max = 3.8 bpm, min. = .5 bpm.
 ISIP = 2000 psi, 5 min. = _____ psi, 10 min. = _____ psi, 15 min. = _____ psi.

*Well will be shut in for 0 hours before bringing back fluid.

REMARKS:

INITIAL BREAK AT 1.5 BPM AT 3210 PSI. BACK TO 3.8 BPM AT 2510 PSI. SURGE BALLS OFF.

INJECTION TEST: 6.2 BPM AT 3275 PSI Wellsite Supervisor: Dale H. Griffin

1.50 PSI WK FRAC GRADIENT: .013



EQUITABLE RESOURCES ENERGY COMPANY

BALCRON OIL DIVISION

1601 Lewis Avenue
P.O. Box 21017
Billings, MT 59104-1017
(406) 259-7860

Attachment 6-1
3822
TREATMENT REPORT

DATE OF TREATMENT: 1-27-97

Well Name MONUMENT FED. 31-8-9-16 Sec. 8 TWN. 9 S RNG. 16 E
Field MONUMENT BUTTE County DUCHESNE State UT.
Formation: GREEN RIVER (G-3 + G-4 ZONES)
Perforations: 5225-28, 5233-40, 5241-50, 5260-70

Treatment Type: KCL BREAK DOWN Total Number of Holes: 29

Treatment Company: BJ-SERVICES

SAND CHARACTERISTICS

VOLUME		FLUID	CONC.			SIZE	SAND VOLUME	
SLURRY BBLs	CLEAN GAL		# / GAL	BPM	PSI		CALC.	ACTUAL
						/	#	#
						/	#	#
						/	#	#
						/	#	#
						/	#	#
						/	#	#
						/	#	#
						/	#	#
						/	#	#
						/	#	#

TOTAL FLUID PUMPED: _____ gal. _____ % Acid

2268 gal. 2% KCL WATER Fluid

TOTAL SAND VOLUME: _____ lbs. 1 sand

_____ lbs. 1 sand

_____ lbs. 1 sand

Flushed well with _____ gal. of _____

60 ball sealers were pumped. Was ball action seen? YES, BALL OFF

Barrels of Load to Recover 54 BLTR

Avg. Treating Pressure = 1600 psi, max = 5000 psi, min. = 900 psi.

Avg. Treating Rate = 3.4 bpm, max = 3.6 bpm, min. = 1.5 bpm.

ISIP = 1100 psi, 5 min. = _____ psi, 10 min. = _____ psi, 15 min. = _____ psi.

Well will be shut in for 0 hours before bringing back fluid.

REMARKS:

INITIAL BREAK AT 1.9 BPM AT 900 PSI, BACK TO 3.6 BPM AT 1450 PSI. SURGE BPLS OFF.

INJECTION TEST: 6.4 BPM AT 2175 PSI. Wellsite Supervisor: Dale Drifflin

1000 PSI w/ FRAC GRADIENT: .649

Attachment 6-1
4 of 22

EQUITABLE RESOURCES ENERGY COMPANY
DAILY COMPLETION & WORKOVER REPORT

Date: 1.27.97

Well Name & No. MONUMENT FED, 31-8-9-16 Field MONUMENT BUTTE
Sec. 6 Twp. 9.5 Rng. 16E County DUCHESS State NY
Td. 6000 Pbid. 5939 Kbm. 10 Grnd Level 5838 Fill _____ Date _____
Tbg. Size 2 7/8 Type EUE Grade M-50 Thrd. 8RD. Wt. 6.5 Rng. 2
Tbg. Size _____ Type _____ Grade _____ Thrd. _____ Wt. _____ Rng. _____
Csg. Size 5 1/2 Type LT+C Grade J-55 Thrd. 8RD. Wt. 15.5 Rng. 3
Csg. Size _____ Type _____ Grade _____ Thrd. _____ Wt. _____ Rng. _____
Liner Size _____ Type _____ Grade _____ Thrd. _____ Wt. _____ Rng. _____

Perforations / Open Hole: 5225-28 5233-40 5241-50 5260-70 5355-58

Reason For Job NEW COMPLETION Present Operation _____
Csg. Press. _____ Tbg. Press. _____ Weather _____

TIME	DESCRIPTION OF OPERATIONS & COMMENTS
0700	BU SCHLUMBERGER TO RUN CBL + PERF.
	RUN CBL FROM 5925' KB TO 100' KB. w/ 1000 PSI.
	TOC AT 560' KB.
	PERF. 5225-28, 5233-40, 5241-50, 5260-70, 1-SPF
	5355-58 4-SPF
	TJH W/TS ROP, RETRIEVING TOOL, 2 3/8 X 4' SUB, HD PHR., 2 7/8
	SEAT NIPPLE & 170 JTS. 2 7/8 TBG. COULD NOT SET BP. TRIP FOR BP.
	SET BP AT 5301' KB., EOT. AT 5173' KB, PHR. AT 5166' KB.
	BREAK DOWN 5225-5270
	REFER TO TREATMENT REPORT. USED 54 BBL. WATER.
	RESET BP AT 5426' KB., EOT. AT 5305' KB, PHR. AT 5290' KB.
	BREAK DOWN 5355-58
	REFER TO TREATMENT REPORT. USED 45 BBL. WATER.
	FLOWED BACK 18 BBL. WATER
	TOOH W/ TBE., PHR. & RETRIEVING TOOL.
1800	SWIFN

Daily Costs: _____ Cumulative Costs: _____ Load To Recover: 2.08 bbls. Of WATER
bbls. Of _____

Completion Rig	\$ 1566	Tbg. Jts. Ft. \$	Chemicals	\$
Bop Rental	\$ 170	Rods Jts. Ft. \$	Cementing	\$
Tank Rental	\$ 90	Ponies & Pups	Rig Anchors	\$
Hot Oil	\$	Down Hole Pump	Cats & Graders	\$
Completion Fluid	\$	Ta, Ma, sn		\$
Log & perforate	\$ 5268	Well Head Equip.		\$
Stimulation	\$ 1336	Valves & Fittings		\$
Contract Labor	\$	Treater / Separator		\$
Down Hole Tools (rental)	\$	Tanks		\$
Equipment Rental	\$ 90	Pump Unit / Engines		\$
Transportation	\$	DH Tools (Purchase)		\$
		Supervision		\$

Operations Supervisor Dale Driffin



EQUITABLE RESOURCES
ENERGY COMPANY
BALCRON OIL DIVISION
1601 Lewis Avenue
P.O. Box 21017
Billings, MT 59104-1017

Attachment 6-1
5822
FLOW REPORT

WELL NAME Monument Fed 31-8-9-16 DATE 1/28/97

Qtr/Qtr _____ SEC. 8 TWN. 95 RNG. 16 E REPORTED BY: Ben Casson

FIELD Monument Butte COUNTY Duchesne STATE UTAH

TIME	Temp. Casing		TSG. PSI	% OIL	% WTR	% BS	B.R.M.		BBLs OIL	BBLs WTR	TOTAL TODAY	CUM. BBLs
	CHOKE						TANK GAGE	BBLs HOUR				
9:35	89°		4570	⊖	100	⊖	to pit	15	⊖			
10:05	86°		1500	⊖	100	⊖	to pit	15	⊖	15	15	15
11:15	84°		1150	⊖	100	⊖	to pit	15	⊖	30	45	45
12:15	83°		700	⊖	100	trace of SAND	to pit	15	⊖	30	75	75
1:15	82°		410	⊖	100	trace of SAND	to pit	15	⊖	30	105	105
2:00	81°		160	⊖	100	trace of SAND	to pit	15	⊖	22	127	127
	Flowed Back 35 BBLs WATER Going in Hole									35	162	162

REMARKS: _____



**EQUITABLE RESOURCES
ENERGY COMPANY**
BALCRON OIL DIVISION
1601 Lewis Avenue
P.O. Box 21017
Billings, MT 59104-1017
(406) 259-7860

Attachment 6-1
60622
TREATMENT REPORT

DATE OF TREATMENT: 1-28-97

Well Name MONUMENT FED. 31-8-9-16 Sec. 8 TWN. 9 S RNG. 16 E
Field MONUMENT BUTTE County DUCHESSNE State WY.
Formation: GREEN RIVER (G-3, G-4, G-6 ZONES)
Perforations: 5225-28, 5233-40, 5241-50, 5260-70, 5355-58

Treatment Type: SAND FRAC Total Number of Holes: 41
Treatment Company: BJ-SERVICES SAND CHARACTERISTICS

LEAN TOTAL	VOLUME		FLUID	CONC.			SIZE	SAND VOLUME	
	SLURRY BBLs	CLEAN GAL		# / GAL	BPM	PSI		CALC.	ACTUAL
07	107	4500	2% KCL WATER (PAD)	0	31.0	2220	-/-	-/-	#
134	137	30	"	2	30.7	2340	20/40	2300	#
192	205	68	"	4	30.5	2160	20/40	9600	#
64	295	99	"	5	30.4	1940	20/40	16900	#
122	500	204	"	6	29.6	2000	16/30	40350	#
71	617	120	"	7	31.2	2510	16/30	26880	#
183	741	124	" (FLUSH)	0	37.0	4500	-/-	-/-	#
					37.1	5000	-/-	-/-	#
							1		#
							1		#
							1		#

TOTAL FLUID PUMPED: _____ gal. _____ % Acid
26,964 gal. 2% KCL WATER Fluid
TOTAL SAND VOLUME: 29,840 lbs. 20/40 sand
69,160 lbs. 16/30 sand
_____ lbs. 1 sand

Flushed well with 5208 gal. of 2% KCL WATER
_____ ball sealers were pumped. Was ball action seen? _____

Barrels of Load to Recover 642 BLTR

Avg. Treating Pressure = 2350 psl, max = 5000 psl, min. = 1940 psl.

Avg. Treating Rate = 33.0 bpm, max = 39.6 bpm, min. = 28.6 bpm.

ISIP = 4570 psl, 5 min. = 1550 psl, 10 min. = 1540 psl, 15 min. = 1500 psl.

Well will be shut in for _____ hours before bringing back fluid. 30 MIN. = 1500 psl.

REMARKS: 4 BBL. TO LOAD HOLE

FRAC GRADIENT: 1.303

Wellsite Supervisor: Dale Griffin

1/30/96 WK

Attachment G-1
70622

EQUITABLE RESOURCES ENERGY COMPANY
DAILY COMPLETION & WORKOVER REPORT

Date: 1.28.97

Well Name & No. MONUMENT FED. 31-8-9-16 Field MONUMENT BU E
Sec. 1 Twp. 7 S Rng. 16 E County DUCHESSNE State WY
Tb. 600 Ptd. 5939 Kbm. 10 Grnd Level 5838 Fill _____
Tbg. Size 7/8 Type EUE Grade M-50 Thrd. 8 RD. Wt. 6.5 Rng. 2
Tbg. Size _____ Type _____ Grade _____ Thrd. _____ Wt. _____ Rng. _____
Csg. Size 2 1/2 Type LT+C Grade J-55 Thrd. 8 RD. Wt. 15.5 Rng. 3
Csg. Size _____ Type _____ Grade _____ Thrd. _____ Wt. _____ Rng. _____
Liner Size _____ Type _____ Grade _____ Thrd. _____ Wt. _____ Rng. _____

Perforations / Open Hole: 5225-28 5233-40 5241-50 5260-70 5355-58

Reason For Job NEW COMPLETION Present Operation _____
Csg. Press 40 Tbg. Press _____ Weather _____

TIME	DESCRIPTION OF OPERATIONS & COMMENTS
0600	BU BJ SERVICES + FRAC 5225-5358 REFER TO TREATMENT REPORT. USED 642 BBL. WATER.
0906	START FRAC
0932	END FRAC
0933	START FORCED CLOSURE FLOW BACK. .5 BPM
	FLOW BACK 162 BBL. WATER, TRACE OF SAND. REFER TO FLOW REPORT.
	T.M. W/ RETRIEVING TOOL, 2 1/8 X 4' SUB, HD PRR, 2 1/8 SEAT NIPPLE, 166 JTS. 2 1/8 TBG.
	TAG SAND AT 5142' KB.
	CIRCULATE DOWN TO BP AT 5426' KB.
	SET PRR AT 5166' KB.
1700	SWIFT

Daily Costs: _____ Cumulative Costs: _____ Load To Recover: _____ blis. Of WATER
blis. Of _____

Completion Rig	\$	Tbg.	Jts.	Ft.	\$	208	Chemicals	\$
Bop Rental	\$	Rods	Jts.	Ft.	\$		Cementing	\$
Tank Rental	\$	Ponies & Pups			\$		Rig Anchors	\$
Hot Oiler	\$	Down Hole Pump			\$		Cats & Graders	\$
Completion Fluid	\$	Ta, Ma, sn,			\$			\$
Log & perforate	\$	Well Head Equip.			\$			\$
Stimulation	\$ 31217	Valves & Fittings			\$			\$
Contract Labor	\$	Treater / Separator			\$			\$
Down Hole Tools (rental)	\$	Tanks			\$			\$
Equipment Rental	\$	Pump Unit / Engines			\$			\$
Transportation	\$	DH Tools (Purchase)			\$		Supervision	\$

Operations Supervisor Dale Griffin

BALCRON OIL DIVISION

1601 Lower Avenue
P.O. Box 21017
Buffalo, NY 14221-0107

FLOW REPORT

WELL NAME Monument Fed 31-8-9-16

DATE 1/29/97

WELL NAME Phosphorus
Qtr/Qtr _____ SEC. 8 TWN. 93 RNG. 14 E REPORTED BY: Don Cannon
STATE: GA

FIELD Monument Butte COUNTY Duchesne STATE UTAH

[illegible]

REMARKS:

Date: 1.29.97

Well Name & No.	MONUMENT FED. 31-8-9-16		Field	MONUMENT B47 E	
Sec.	1	Twp.	9 S	Rng.	16 E
Td.	600	Puid.	5939	Kbmn.	10
			Grnd. Level	5838	State
					11
Thg. Size	7/8	Type	ELUE	Grade	M-50
				Thrd	8 RD.
Thg. Size		Type		Grade	
				Thrd.	
Csg. Size	1 1/2	Type	LT+C	Grade	J-55
				Thrd	8 RD.
Csg. Size		Type		Grade	
				Thrd.	
Liner Size		Type		Grade	
				Thrd.	

Perforations / Open Hole 5225-28 5233-40 5241-51 5260-70 5265-58

Reason For Job NEW COMPLETION Present Operation _____
Csg. Press 0 Tbg. Press 320 Weather _____

TIME	DESCRIPTION OF OPERATIONS & COMMENTS
0000	0000
0001	0001
0002	0002
0003	0003
0004	0004
0005	0005
0006	0006
0007	0007
0008	0008
0009	0009
0010	0010
0011	0011
0012	0012
0013	0013
0014	0014
0015	0015
0016	0016
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0041	0041
0042	0042
0043	0043
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0046	0046
0047	0047
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0070	0070
0071	0071
0072	0072
0073	0073
0074	0074
0075	0075
0076	0076
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0078	0078
0079	0079
0080	0080
0081	0081
0082	0082
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0087	0087
0088	0088
0089	0089
0090	0090
0091	0091
0092	0092
0093	0093
0094	0094
0095	0095
0096	0096
0097	0097
0098	0098
0099	0099

Q100	START FLOWING WELL BUCK, REFER TO FLOW REPORT.

Flow BACK 69 BBL. oil, 141 BBL. WATER, TRACE OF SAND.

OIL 70% LAST 1-HR., GOOD GAS.

RELEASE PKR., PUMP 20 BBL. WATER TO KILL WELL.

TAG SAND AT 5380' KB. CIRCULATE DOWN TO BP AT 5426' KB.

RELEASE BP, RESET BP AT 4493'KB.

TOOTH W/ TBO, PKR, & RETRIEVING TOOL.

Daily Costs: _____ Cumulative Costs: _____ Load To Recover: 513 bbls. Of WATER
bbls. Of _____

Completion Rig		Tbg. Jts.		Fl.		634	
Bop Rental	\$ 1377	Rods	Jts.	Fl.	\$	Chemicals	\$
Tank Rental	\$ 90	Ponies & Pups			\$	Cementing	\$
Hot Oil	\$ 1150	Down Hole Pump			\$	Rig Anchors	\$
Completion Fluid	\$ 2600	Ta, Ma, sn.			\$	Cats & Graders	\$
Log & perforate	\$	Well Head Equip.			\$		\$
Stimulation	\$	Valves & Fittings			\$		\$
Contract Labor	\$	Treater / Separator			\$		\$
Down Hole Tools (rental)	\$	Tanks			\$		\$
Equipment Rental	\$ 90	Pump Unit / Engines			\$		\$
Transportation	\$	DH Tools (Purchase)			\$	Supervision	\$

Operations Supervisor

Dale Griffin



Attachment of
TREATMENT REPORT
100622

100622

Treatment Type: KCL BREAK DOWN Total Number of Holes: 190
Treatment Company: BJ SERVICES SAND CHARACTERISTICS

TOTAL FLUID PUMPED:	gal.	%	Acid
5628	gal.	2% KCL WATEX	Fluid
TOTAL SAND VOLUME:	lbs.	/	sand
	lbs.	/	sand
	lbs.	/	sand

Barrels of Load to Recover 134

Avg. Treating Pressure = 2000 psi, max = 2230 psi, min. = 1750 psi

Avg. Treating Rate = 6.2 bpm, max = 6.3 bpm, min. = 6.2 bpm

ISIP = 1350 psi, 5 min. = _____ psi, 10 min. = _____ psi, 15 min. = _____ psi

Well will be shut in for 1 hours before bringing back fluid.

REMARKS:

INITIAL BREAK AT 1.6 BPM AT 17.50 PSI, BACK TO 4.3 BPM AT 1460 PSI. SURGE BALLS OFF.

INJECTION TEST: 5.7 BPM AT 1950 PSI. Wellsite Supervisor: Dale Griffin

13095 JK FRAC GRADIENT: .753

Attachment 1
11 of 22

EQUITABLE RESOURCES ENERGY COMPANY

DAILY COMPLETION & WORKOVER REPORT

Date: 1.30.97

Well Name & No. MONUMENT FED. 31-8-9-16 Field MONUMENT BUTTE
 Sec. 2 Twp. 9 S Rng. 16 E County DUNCHESTER State MT.
 Td. 6000 Pbid. 5939 Kbm. 10 Grnd Level 5838 Fill _____ Date _____
 Tbg. Size 1 7/8 Type EUE Grade M-50 Thrd. 8 RD. Wt. 6.5 Rng. 2
 Tbg. Size _____ Type _____ Grade _____ Thrd. _____ Wt. _____ Rng. _____
 Csg. Size 3 1/2 Type LITC Grade J-55 Thrd. 8 RD. Wt. 15.5 Rng. 3
 Csg. Size _____ Type _____ Grade _____ Thrd. _____ Wt. _____ Rng. _____
 Liner Size _____ Type _____ Grade _____ Thrd. _____ Wt. _____ Rng. _____

Perforations / Open Hole: 4259-68 4274-78 4303-15 4326-36 4355-72
5225-28 5233-40 5241-50 5260-70 5255-58

Reason For Job NEW COMPLETION Present Operation _____
 Csg. Press. _____ Tbg. Press. _____ Weather _____

TIME BP AT 4455' KB DESCRIPTION OF OPERATIONS & COMMENTS
0700 RU SCHLUMBERGER & PERF. 4259-68 & 4274-78 2-SPF.
4303-15, 4326-36, 4355-72 4-SPF.
CIH W/ RETRIEVING TOOL, 2 3/8 X 4' SUB, HD PKR., 2 1/8 SEPT NIPPLE &
136 JIS, 2 3/8 TBS,
SET PKR. AT 4233' KB, EOT 4240' KB.
RU BT SERVICES & BREAK DOWN 4259'-4312'
REFER TO TREATMENT REPORT. USED 134 BBL. WATER.
TOOH W/ TBS, PKR. & RETRIEVING TOOL.
FLOWED BACK 22 BBL. WATER.

1300 SWIFT

Daily Costs: _____ Cumulative Costs: _____ Load To Recover: 625 bbls. Of WATER
 _____ bbls. Of _____

Completion Rig	\$ 836	Tbg. Jts.	Ft.	\$	Chemicals	\$
Bop Rental	\$ 170	Rods Jts.	Ft.	\$	Cementing	\$
Tank Rental	\$ 90	Ponies & Pups		\$	Rig Anchors	\$
Hot Oiler	\$ 230	Down Hole Pump		\$	Cats & Graders	\$
Completion Fluid	\$	Ta, Ma, sn.		\$		\$
Log & perforate	\$ 4977	Well Head Equip.		\$		\$
Stimulation	\$ 2270	Valves & Fittings		\$		\$
Contract Labor	\$	Treater / Separator		\$		\$
Down Hole Tools (rental)	\$	Tanks		\$		\$
Equipment Rental	\$ 90	Pump Unit / Engines		\$		\$
Transportation	\$	DH Tools (Purchase)		\$	Supervision	\$

Operations Supervisor Dale Griffin



EQUITABLE RESOURCES ENERGY COMPANY

BALCRON OIL DIVISION

1601 Lewis Avenue
P.O. Box 21017
Billings, MT 59104-1017

Attachment 6
FLOW REPORT

12 of 22

WELL NAME Monument Fed 31-8-9-16

DATE 1/31/97

Qtr/Qtr SEC. 8 TWN. 95 RNG. 16E REPORTED BY: Don Cannon

FIELD Monument Butte COUNTY Duchesne STATE Utah

TIME	Temp (Casing)		% OIL	% WTR	% BS	TANK GAGE	B.P.M		BBLs OIL	BBLs WTR	TOTAL TODAY	CUM. BBLs
	CHOKE	WOB. PSI					BBLs/HOUR					
12:39	89°	2450	⊖	100	⊖	+0 pit	1	⊖				
1:09	86°	1370	⊖	100	⊖	+0 pit	1	⊖	30	30	30	
2:09	85°	1030	⊖	100	17% SAND	+0 pit	1	⊖	60	90	90	
3:09	84°	690	⊖	100	29% SAND	+0 pit	1	⊖	60	150	150	
4:09	84°	360	⊖	100	2% SAND	+0 pit	1	⊖	60	210	210	
4:39	83°	110	⊖	100	14% SAND	+0 pit	1	⊖	30	240	240	
	Flowed Back 40 BBLs WATER going in hole									40	280	280

REMARKS:



EQUITABLE RESOURCES ENERGY COMPANY

BALCRON OIL DIVISION

1601 Lewis Avenue
P.O. Box 21017
Billings, MT 59104-1017
(406) 259-7860

Attachment 6-1 TREATMENT REPORT

13 of 22

DATE OF TREATMENT: 1-31-97

Well Name MONUMENT FED. 31-8-9-16 Sec. 8 TWN. 9 S RNG. 16 E

Field MONUMENT BUTTE County DUCHESSNE State UT

Formation: GREEN RIVER (Y-2 + Y-3 ZONES)

Perforations: 4259-68, 4274-78, 4303-15, 4353-72

Treatment Type: SAND FRAC Total Number of Holes: 190

Treatment Company: BSJ SERVICES SAND CHARACTERISTICS

LEAN OTAL	VOLUME		FLUID	CONC.			SIZE	SAND VOLUME	
	SLURRY BBL	CLEAN GAL		#/GAL	BPM	PSI		CALC.	ACTUAL
247	250	10500	2% KCL WATER (PAD)	0	38.4	2210	+	#	#
32	91	3500	"	2	39.3	2100	16/30	7000 #	#
116	98	3500	"	4	41.4	2010	16/30	14000 #	#
52	166	5700	"	5	41.6	1940	16/30	28500 #	#
109	303	10000	"	6	41.3	2040	16/30	60000 #	#
5	235	7500	"	7	42.6	2120	16/30	52500 #	#
166	101	4242	(FLUSH)	0	41.9	2710	+	#	#
							1	#	#
							1	#	#
							1	#	#

TOTAL FLUID PUMPED: _____ gal. _____ %
45,194 gal. 2% KCL WATER

TOTAL SAND VOLUME: _____ lbs. _____ sand
_____ lbs. _____ sand
_____ lbs. _____ sand

Flushed well with _____ gal. of 2% KCL WATER
_____ ball sealers were pumped. Was ball action seen? _____

Barrels of Load to Recover 1076 BLTR

Avg. Treating Pressure = 2150 psi, max = 2710 psi, min. = 1940 psi.

Avg. Treating Rate = 41.9 bpm, max = 43.2 bpm, min. = 38.4 bpm.

ISIP = 2450 psi, 5 min. = 1940 psi, 10 min. = 1660 psi, 15 min. = 1550 psi.

Well will be shut in for 0 hours before bringing back fluid. 30 min 1320 psi

REMARKS: 1 BEL. TO LOAD HOLE, TAG FRAC W/ IR-192 + SC-46

START FORCED CLOSURE FLOW BACK, .7 BPM

FRAC GRADIENT: .007 Wellsite Supervisor: Dale Griffin

180/95W

1-400 245-1361

Attachment 6-1
140/22

EQUITABLE RESOURCES ENERGY COMPANY
DAILY COMPLETION & WORKOVER REPORT

Date: 1-31-97

Well Name & No. MONUMENT FED. 31-8-9-16 Field MONUMENT BUTTE
Sec. 9 Twp. 3 Rng. 16E County DICHESNE State WY
Td. 6000 Ptd. 5939 Kbm. 10 Grnd. Level 5838 Fill Da
Tbg. Size 2 7/8 Type EUE Grade M-50 Thrd. 8RD. Wt. 6.5 Rng. 2
Tbg. Size 2 7/8 Type EUE Grade M-50 Thrd. 8RD. Wt. 6.5 Rng. 2
Csg. Size 5 1/2 Type LT+C Grade J-55 Thrd. 8RD. Wt. 15.5 Rng. 3
Csg. Size 5 1/2 Type LT+C Grade J-55 Thrd. 8RD. Wt. 15.5 Rng. 3
Liner Size 5 1/2 Type LT+C Grade J-55 Thrd. 8RD. Wt. 15.5 Rng. 3

Perforations / Open Hole: 4259-68, 4274-78, 4303-15, 4326-36, 4353-72
5225-28, 5238-40, 5241-50, 5260-70, 5355-58

Reason For Job NEW COMPLETION Present Operation Weather
Csg. Press. 100 Tbg. Press. Weather

TIME	DESCRIPTION OF OPERATIONS & COMMENTS
0600	BY BJ SERVICES & FRAC 4259-4372 REFER TO TREATMENT REPORT. USED BDL WATER.
1205	START FRAC
1239	END FRAC
1240	START FORCED CLOSURE FLOW BACK. 0.75 BPM. TAG FRAC W/ 2 ISOTOPIES. IR-192 & SC-46 FLOW BACK 280 BDL WATER, 170 SAND.
	WH W/ RETRIEVING TOOL, 2 3/8 X 4' SUB, HD PMR, 2 7/8 SEAT NIPPLE & 136 JTS. 2 7/8 TBG.
	TAG SAND AT 4231' KB.
	CIRCULATE DOWN TO BP AT 4493' KB.
	SET PMR. AT 4233' KB.
1900	SWIFT

Daily Costs: _____ Cumulative Costs: _____ Load To Recover: 1421 bl s. Of WATER
bl s. Of _____

Completion Rig	\$ <u>1692</u>	Tbg.	Jts.	Ft.	\$	Chemicals	<u>IR-192 & SC-46</u>	<u>2567</u>
Bop Rental	\$ <u>170</u>	Rods	Jts.	Ft.	\$	Cementing		\$
Tank Rental	\$ <u>90</u>	Ponies & Pups			\$	Rig Anchors		\$
Hot Oil	\$ <u>1250</u>	Down Hole Pump			\$	Cats & Graders		\$
Completion Fluid	\$ <u>750</u>	Ta, Ma, sn,			\$			\$
Log & perforate	\$	Well Head Equip.			\$			\$
Stimulation	\$ <u>43974</u>	Valves & Fittings			\$			\$
Contract Labor	\$	Treater / Separator			\$			\$
Down Hole Tools (rental)	\$	Tanks			\$			\$
Equipment Rental	\$ <u>90</u>	Pump Unit / Engines			\$			\$
Transportation	\$	DH Tools (Purchase)			\$	Supervision		\$

Operations Supervisor Dale Griffin



Attachment G-1
15 of 22

DAILY WORKOVER REPORT

WELL NAME: Monument Federal 31-8-9-16

Report Date: May 20, 2003

Day: 01

Operation: Re-complete

Rig: Pool #820

WELL STATUS

Surf Csg: 8 5/8 @ 256' Prod Csg: 5 1/2 @ 5985' WT: 15.5# Csg PBTD: 5939'
Tbg: Size: 2 7/8 Wt: 6.5# Grd: N-80 Pkr/EOT @: 919' BP/Sand PBTD: 5935'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
GB sds	4259-4268'	2/18	A sds	5225-5228'	1/3
GB sds	4274-4278'	2/8	A sds	5233-5240'	1/7
GB sds	4303-4315'	4/48	A sds	5241-5250'	1/9
GB sds	4326-4336'	4/40	A sds	5260-5270'	1/10
GB sds	4353-4372'	4/76	A sds	5355-5358'	4/12

CHRONOLOGICAL OPERATIONS

Date Work Performed: May 19, 2003

SITP: 0 SICP: 0

MIRU Pool #820. RU HO trk & pump 100 BW dn casing @ 250°F. RD pumping unit & unseat rod pump. Flush tbg & rods W/ 60 BW @ 250°F. Re-seat pump & strip off flow T. Fill tbg W/ 10 BW & pressure test tbg to 3500 psi. Retrieve rod string & unseat pump. TOH W/ rod string. LD btm 90 plain rods & LD pump. Had small amount of scale buildup on pump screen & lower section of string. ND wellhead & release TA @ 4230'. NU BOP. TOH & talley production tbg--LD BHA. Showed small amount of scale buildup on lower 300' of tbg string. Talley, PU & TIH W/ 2 7/8 NC, 5 1/2" casing scraper & 28 jts 2 7/8 8rd 6.5# N-80 tbg. EOT @ 919'. SIFN W/ est 170 BWTR.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 0 Starting oil rec to date: 0
Fluid lost/recovered today: 170 Oil lost/recovered today: 0
Ending fluid to be recovered: 170 Cum oil recovered: 0
IFL: 0 FFL: 0 FTP: 0 Choke: 0 Final Fluid Rate: 0 Final oil cut: 0

TUBING DETAIL

AS PULLED:

KB 10.00'
136 2 7/8 J-55 tbg (4220.25')
TA (2.75' @ 4230.25' KB)
37 2 7/8 J-55 tbg (1150.85')
SN (1.10' @ 5383.85' KB)
1 2 7/8 perf sub (4.20')
1 2 7/8 J-55 tbg (29.80')
2 7/8 Pinned NC (.40')
EOT 5419.35' W/ 10' KB

ROD DETAIL

AS PULLED:

1 1/4" X 22' polished rod
213-3/4" plain rods
1-8' X 3/4" pony rod
1-2' X 7/8" scraped pony rod
1 1/2" weight rod
1-2' X 7/8" scraped pony rod
Axelson 2 1/2 X 1 1/2 X 13 X 16'
RHAC pump (SM plunger)

COSTS

Pool rig	\$2,714
Weatherford BOP	\$130
IPC wtr & truck	\$400
Zubiate HO trk	\$722
Randys' pump repair	\$1,000
Randys' TA repair	\$400
IPC trucking	\$1,000
Weatherford scraper	\$300
Tiger trucking	\$1,000
IPC supervision	\$300

Workover Supervisor: Gary Dietz

DAILY COST: \$7,966
TOTAL WELL COST: \$7,966



Attachment 6-1
11e of 22

DAILY WORKOVER REPORT

WELL NAME: Monument Federal 31-8-9-16

Report Date: May 21, 2003

Day: 02

Operation: Re-complete

Rig: Pool #820

WELL STATUS

Surf Csg: 8 5/8 @ 256' Prod Csg: 5 1/2 @ 5985' WT: 15.5# Csg PBTD: 5939'
Tbg: Size: 2 7/8 Wt: 6.5# Grd: N-80 Pkr/EOT @: 1590' BP/Sand PBTD: 5932'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
GB sds	4259-4268'	2/18	A sds	5225-5228'	1/3
GB sds	4274-4278'	2/8	A sds	5233-5240'	1/7
GB sds	4303-4315'	4/48	A sds	5241-5250'	1/9
GB sds	4326-4336'	4/40	A sds	5260-5270'	1/10
GB sds	4353-4372'	4/76	A sds	5355-5358'	4/12

CHRONOLOGICAL OPERATIONS

Date Work Performed: May 20, 2003

SITP: 0 SICP: 0

Con't PU & TIH W/ 2 7/8 NC, 5 1/2" casing scraper & 2 7/8 8rd 6.5# N-80 tbg f/ 919'. Tag sd @ 5752'. Establish rev circulation W/ 110 BW. C/O fill to PBTD @ 5932'. Circ hole clean. Lost add'l 135 BW. TOH W/ tbg to 1590'. SIFN W/ est 415 BWTR.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 170 Starting oil rec to date: 0
Fluid lost/recovered today: 245 Oil lost/recovered today: 0
Ending fluid to be recovered: 415 Cum oil recovered: 0
IFL: 0 FFL: 0 FTP: 0 Choke: 0 Final Fluid Rate: 0 Final oil cut: 0

TUBING DETAIL

AS PULLED:

KB 10.00'
136 2 7/8 J-55 tbg (4220.25')
TA (2.75' @ 4230.25' KB)
37 2 7/8 J-55 tbg (1150.85')
SN (1.10' @ 5383.85' KB)
1 2 7/8 perf sub (4.20')
1 2 7/8 J-55 tbg (29.80')
2 7/8 Pinned NC (.40')
EOT 5419.35' W/ 10' KB

ROD DETAIL

AS PULLED:

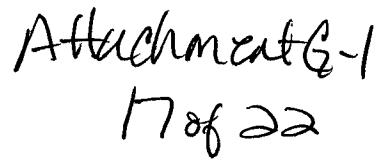
1 1/4" X 22' polished rod
213-3/4" plain rods
1-8' X 3/4" pony rod
1-2' X 7/8" scraped pony rod
1 1/2" weight rod
1-2' X 7/8" scraped pony rod
Axelson 2 1/2 X 1 1/2 X 13 X 16'
RHAC pump (SM plunger)

COSTS

Pool rig \$3,030
Weatherford BOP \$130
IPC wtr & truck \$600
IPC supervision \$300

Workover Supervisor: Gary Dietz

DAILY COST: \$4,060
TOTAL WELL COST: \$12,026



WELL NAME: Monument Federal 31-8-9-16 Report Date: May 22, 2003 Day: 03
Operation: Re-complete Rig: Pool #820

Surf Csg:	<u>8 5/8</u>	@	<u>256'</u>	Prod Csg:	<u>5 1/2</u>	@	<u>5985'</u>	WT:	<u>15.5#</u>	Csg PBTD:	<u>5939'</u>
Tbg:	Size: <u>2 7/8</u>	Wt:	<u>6.5#</u>	Grd:	<u>N-80</u>	Pkr/EOT @:	<u>1590'</u>	BP/Sand PBTD:	<u>5932'</u>		

<u>Zone</u>	<u>Perfs</u>	<u>SPF/#shots</u>	<u>Zone</u>	<u>Perfs</u>	<u>SPF/#shots</u>
			B2 sds	new 5091-5093'	4/8
GB sds	4259-4268'	2/18	B2 sds	new 5117-5120'	4/12
GB sds	4274-4278'	2/8	A sds	5225-5228'	1/3
GB sds	4303-4315'	4/48	A sds	5233-5240'	1/7
GB sds	4326-4336'	4/40	A sds	5241-5250'	1/9
GB sds	4353-4372'	4/76	A sds	5260-5270'	1/10
B sds	new 5024-5028'	4/16	A sds	5355-5358'	4/12
B sds	new 5037-5043'	4/24	CP .5 sds	new 5688-5702'	4/56
B sds	new 5057-5059'	4/8	CP #3 sds	new 5818-5842'	4/96

TOH & Lay down scraper. Rig up Patterson Wireline. And perforate the following intervals: B sds @ 5024-28', 5037-43', 5057-59', 5091-93', 5117-20', Cp sds @ 5688-5702', 5818-42', All with 4" csgn guns @ 4 JSPF. 90 * phased. Total of 55' and 220 hole were added. PU & MU "TS" plug, "HD", Packer combination . TIH with N-80 Frac string and same. Set TS plug @ 5900' . HD packer @ 5875'. Test tools to 1,500 psi w/ 16 bbls. Release pkr & pull to 5622'. SWIFN.

Starting fluid load to be recovered:	<u>415</u>	Starting oil rec to date:	<u>0</u>
Fluid lost /recovered today:	<u>16</u>	Oil lost/recovered today:	<u> </u>
Ending fluid to be recovered:	<u>431</u>	Cum oil recovered:	<u>0</u>
IFL: 2800' FFL: 2800' FTP:		Choke:	Final Fluid Rate: Final oil cut:

[illegible]

TOTAL WELL COST: / \$21,884

Workover Supervisor: Gary Dietz



Attachment B-1
18 of 22

DAILY WORKOVER REPORT

WELL NAME: Monument Federal 31-8-9-16

Report Date: May 23, 2003

Day: 4a

Operation: Re-complete

Rig: Pool #820

WELL STATUS

Surf Csg: 8 5/8 @ 256' Prod Csg: 5 1/2 @ 5985' WT: 15.5# Csg PBTD: 5939'
Tbg: Size: 2 7/8 Wt: 6.5# Grd: N-80 Pkr/EOT @: 5622' BP/Sand PBTD: 5932'
TS plug @ 5170'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
GB sds	4259-4268'	2/18	B2 sds new	5091-5093'	4/8
GB sds	4274-4278'	2/8	B2 sds new	5117-5120'	4/12
GB sds	4303-4315'	4/48	A sds	5225-5228'	1/3
GB sds	4326-4336'	4/40	A sds	5233-5240'	1/7
GB sds	4353-4372'	4/76	A sds	5241-5250'	1/9
B sds new	5024-5028'	4/16	A sds	5260-5270'	1/10
B sds new	5037-5043'	4/24	A sds	5355-5358'	4/12
B sds new	5057-5059'	4/8	CP .5 sds new	5688-5702'	4/56
			CP #3 sds new	5818-5842'	4/96

CHRONOLOGICAL OPERATIONS

Date Work Performed: May 22, 2003

SITP: 0 SICP: 0

Day 4a: Set HD packer @ 5622'. Nipple up frac valve. Fill annular with 55 bbls water. Keep 200 psi on annular for duration of frac job. Rig up BJ and frac the CP sands as listed above, down N-80 tbg. Pumped 224 bbls Viking 1-25 pad @ 15.7 bpm. Followed by 507 bbls Viking 1-25 fluid with 102,000 #'s 20/40 white mesh sand @ 15.7 bpm. Followed by 32 bbls Slick water flush @ 15.6 bpm. Zone broke down @ 2854 psi. With 18 bbls to fill tbg. Total of 763 bbls of treatment fluid, & 65 bbls fluid used on annular pressure. For a total of 828 bbls to recover. Start immediate flow back on 12/64 choke @ a target rate of 1 bpm. Zone flowed back 225 bbls of fluid in 3 hours 15 mins. Released HD packer circulated btms up. TIH and circulated 15' of sand off TS plug. Released same. Pull TS plug to 5170'. Set same. Pull HD packer to a depth of 4942'. Set same. Rig up BJ

See day 4b;

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 431 Starting oil rec to date: 0
Fluid lost/recovered today: 603 Oil lost/recovered today: 0
Ending fluid to be recovered: 1034 Cum oil recovered: 0
IFL: 2800' FFL: srfc FTP: 0 Choke: 12/64 Final Fluid Rate: 0 Final oil cut: 0

STIMULATION DETAIL

Base Fluid used: Viking I-25 Job Type: Sand frac

Company: BJ Services

Procedure or Equipment detail: CP sands

PUMPED DOWN 2 7/8 N-80 TUBING

9,408 gals of pad
6,118 gals W/ 1-4 ppg of 20/40 sand
12,420 gals W/ 4-6.5 ppg of 20/40 sand
3,000 gals W/ 6.5 ppg of 20/40 sand
Flush W/ 1,344 gals of slick water

Max TP: 3816 Max Rate: 15.7 BPM Total fluid pmpd: 763 bbls

Avg TP: 3120 Avg Rate: 15.7 BPM Total Prop pmpd: 102,000#

ISIP: 1790 5 min: 0 10 min: 0 FG: .744

Workover Supervisor: Pat Wisener

COSTS

Pool rig	\$2,614
Weatherford BOP	\$130
IPC supervision	\$150
BJ frac service	\$27,048
RNI disposal	\$300
Betts frac wtr	\$1,125
IPC frac valve	\$300

DAILY COST: \$31,667

TOTAL WELL COST: \$53,551



Attachment 6-1
19 of 22

DAILY WORKOVER REPORT

WELL NAME: Monument Federal 31-8-9-16

Report Date: May 23, 2003

Day: 4b

Operation: Re-complete

Rig: Pool #820

WELL STATUS

Surf Csg: 8 5/8 @ 256' Prod Csg: 5 1/2 @ 5985' WT: 15.5# Csg PBDT: 5939'
Tbg: Size: 2 7/8 Wt: 6.5# Grd: N-80 Pkr/EOT @: 4942' BP/Sand PBDT: 5932'
TS plug @ 5170'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
GB sds	4259-4268'	2/18	B2 sds new	5091-5093'	4/8
GB sds	4274-4278'	2/8	B2 sds new	5117-5120'	4/12
GB sds	4303-4315'	4/48	A sds	5225-5228'	1/3
GB sds	4326-4336'	4/40	A sds	5233-5240'	1/7
GB sds	4353-4372'	4/76	A sds	5241-5250'	1/9
B sds new	5024-5028'	4/16	A sds	5260-5270'	1/10
B sds new	5037-5043'	4/24	A sds	5355-5358'	4/12
B sds new	5057-5059'	4/8	CP .5 sds new	5688-5702'	4/56
			CP #3 sds new	5818-5842'	4/96

CHRONOLOGICAL OPERATIONS

Date Work Performed: May 22, 2003

SITP: 0 SICP: 0

Day 4b: Set HD packer @ 4942' Nipple up frac valve. Fill annular with 1bbl water. Keep 200 psi on annular for duration of frac job. Rig up BJ and frac the B sands as listed above, down N-80 tbg. Pumped 138 bbls Viking 1-25 pad @ 15.4 bpm. Followed by 307 bbls Viking 1-25 fluid with 58,600 #'s 20/40 white mesh sand @ 15.4 bpm. Followed by 28 bbls Slick water flush @ 15.4 bpm. Zone broke down @ 1820 psi. Total of 473 bbls of treatment fluid, & 5 bbls fluid used on annular pressure. For a total of 478 bbls to recover. Start immediate flow back on 12/64 choke @ a target rate of 1 bpm. Zone flowed back 239 bbls of fluid in 4 hours & died. SIFN W/ est 1273 BWTR.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 1034 Starting oil rec to date: 0
Fluid lost/recovered today: 239 Oil lost/recovered today: 0
Ending fluid to be recovered: 1273 Cum oil recovered: 0
IFL: 2800' FFL: srfc FTP: Choke: 12/64 Final Fluid Rate: Final oil cut:

STIMULATION DETAIL

Base Fluid used: Viking I-25 Job Type: Sand frac

Company: BJ Services

Procedure or Equipment detail: B sands

PUMPED DOWN 2 7/8 N-80 TUBING

5,796 gals of pad
4,138 gals W/ 1-4 ppg of 20/40 sand
8,220 gals W/ 4-6.5 ppg of 20/40 sand
1,000 gals W/ 6.5 ppg of 20/40 sand
Flush W/ 1,176 gals of slick water

Max TP: 4534 Max Rate: 15.4 BPM Total fluid pmpd: 473 bbls
Avg TP: 3027 Avg Rate: 15.4 BPM Total Prop pmpd: 58,600 #
ISIP: 1830 5 min: 10 min: FG: .794
Workover Supervisor: Pat Wisener

COSTS

Betts frac wtr	\$1,125
IPC frac valve	\$300
IPC supervision	\$150
BJ frac service	\$16,746
RNI disposal	\$300
Tiger tks (9 days)	\$640
IPC flow back	\$200
Zubiate HO (frac wtr)	\$1,950

DAILY COST: \$21,411
TOTAL WELL COST: \$74,962



Attachment 6-1
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DAILY WORKOVER REPORT

WELL NAME: Monument Federal 31-8-9-16

Report Date: May 24, 2003

Day: 05

Operation: Re-complete

Rig: Pool #820

WELL STATUS

Surf Csg: 8 5/8 @ 256' Prod Csg: 5 1/2 @ 5985' WT: 15.5# Csg PBTD: 5939'
Tbg: Size: 2 7/8 Wt: 6.5# Grd: N-80 Pkr/EOT @: 5812' BP/Sand PBTD: 5932'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
GB sds	4259-4268'	2/18	B2 sds new	5091-5093'	4/8
GB sds	4274-4278'	2/8	B2 sds new	5117-5120'	4/12
GB sds	4303-4315'	4/48	A sds	5225-5228'	1/3
GB sds	4326-4336'	4/40	A sds	5233-5240'	1/7
GB sds	4353-4372'	4/76	A sds	5241-5250'	1/9
B sds new	5024-5028'	4/16	A sds	5260-5270'	1/10
B sds new	5037-5043'	4/24	A sds	5355-5358'	4/12
B sds new	5057-5059'	4/8	CP .5 sds new	5688-5702'	4/56
			CP #3 sds new	5818-5842'	4/96

CHRONOLOGICAL OPERATIONS

Date Work Performed: May 23, 2003

SITP: 0 SICP: 0

Fill & pressure up on annulus. PU on tbg & release pkr @ 4942'. Rev circ tbg clean. TIH W/ tbg & tag sd @ 5135'. C/O sd to RBP @ 5170'. Circ hole clean. Lost est 100 BW. Release plug. TOH W/ tbg & LD tools. TIH W/ NC & tbg. Tag sd @ 5932' (no new fill). Pull EOT to 5812'. RU swab equipment. IFL @ 200'. Made 16 runs rec 161 BTF W/ no sand, light gas & trace of oil. FFL @ 1650' last 5 runs. SIFN W/ est 1212 BWTR.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 1273 Starting oil rec to date: 0
Fluid lost/recovered today: 61 Oil lost/recovered today: 0
Ending fluid to be recovered: 1212 Cum oil recovered: 0
IFL: 200' FFL: 1650' FTP: Choke: Final Fluid Rate: Final oil cut: tr

STIMULATION DETAIL

Base Fluid used: Job Type:

Company:

Procedure or Equipment detail:

COSTS

Pool rig	\$2,767
Weatherford BOP	\$130
Weatherford service	\$550
RNI wtr disposal	\$600
IPC supervision	\$300

Max TP: Max Rate: Total fluid pmpd:

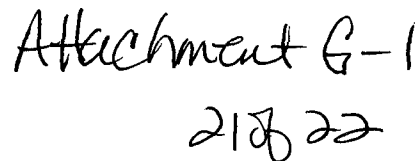
Avg TP: Avg Rate: Total Prop pmpd:

ISIP: 5 min: 10 min: FG:

Workover Supervisor: Gary Dietz

DAILY COST: \$4,347

TOTAL WELL COST: \$79,309

**Day: 06**

Rig: Pool #820

SITP: 25 SICP: 25

TOTAL WELL COST: / \$86,175



Attachment G-1
22 of 22

DAILY WORKOVER REPORT

WELL NAME: Monument Federal 31-8-9-16

Report Date: May 29, 2003

Day: 07

Operation: Re-complete

Rig: Pool #820

WELL STATUS

Surf Csg: 8 5/8 @ 256' Prod Csg: 5 1/2 @ 5985' WT: 15.5# Csg PBTD: 5939'
Tbg: Size: 2 7/8 Wt: 6.5# Grd: J-55 Anchor @: 5676' BP/Sand PBTD: 5932'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
GB sds	4259-4268'	2/18	B2 sds new	5091-5093'	4/8
GB sds	4274-4278'	2/8	B2 sds new	5117-5120'	4/12
GB sds	4303-4315'	4/48	A sds	5225-5228'	1/3
GB sds	4326-4336'	4/40	A sds	5233-5240'	1/7
GB sds	4353-4372'	4/76	A sds	5241-5250'	1/9
B sds new	5024-5028'	4/16	A sds	5260-5270'	1/10
B sds new	5037-5043'	4/24	A sds	5355-5358'	4/12
B sds new	5057-5059'	4/8	CP .5 sds new	5688-5702'	4/56
			CP #3 sds new	5818-5842'	4/96

CHRONOLOGICAL OPERATIONS

Date Work Performed: May 28, 2003

SITP: 0 SICP: 0

ND BOP. Set TA @ 5676' W/ SN @ 5744' & EOT @ 5808'. Land tbg W/ 14,000# tension. NU wellhead. Tbg configuration as follows: 2 7/8 NC, 2 jts tbg, new SN, 2 jts tbg, repaired Randys' 5 1/2" TA (45K) & 182 jts 2 7/8 8rd 6.5# J-55 tbg. Btm 12 jts above SN are used/inspected J-55 tbg. TIH W/ pump & revised rod string as follows: repaired Randys' 2 1/2" X 1 1/2" X 16' RHAC pump, 1-1 1/2" weight rod (3/4" pins), 5-1 5/8" weight rods ("B" grade W/ 7/8" pins), 10-3/4" scraped rods ("B" grade), 123-3/4" plain rods, 89-3/4" scraped rods ("B" grade), 1-8', 1-6' & 1-2' X 3/4" pony rods & 1 1/4" X 22' polished rod ("A" grade). Seat pump & RU pumping unit. Fill tbg W/ 5 BW. Pressure test pump & tbg to 200 psi. Stroke pump up W/ unit to 800 psi. Good pump action. RDMOSU. Est 1412 BWTR.

Place well on production @ 6:00 PM 5/28/2003 W/ 54" SL @ 7 SPM.

FINAL REPORT!!

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 1407 Starting oil rec to date: 30
Fluid lost/recovered today: 5 Oil lost/recovered today: 0
Ending fluid to be recovered: 1412 Cum oil recovered: 30
IFL: FFL: FTP: Choke: Final Fluid Rate: Final oil cut: 20%

TUBING DETAIL

KB 10.00'
182 2 7/8 J-55 tbg (5666.40')
TA (2.75' @ 5676.40' KB)
2 2 7/8 J-55 tbg (64.76')
SN (1.10' @ 5743.91' KB)
2 2 7/8 J-55 tbg (62.22')
2 7/8 NC (.40')
EOT 5807.63' W/ 10' KB

ROD DETAIL

1 1/4" X 22' polished rod
1-8', 1-6' & 1-2' X 3/4" ponies
89-3/4" scraped rods
123-3/4" plain rods
10-3/4" scraped rods
5-1 5/8" weight rods
1-1 1/2" weight rod
Randys' 2 1/2" X 1 1/2" X 16'
RHAC pump W/ SM plunger

COSTS

Pool rig \$2,827
Weatherford BOP \$130
IPC trucking \$300
A & B grade rods \$4,656
IPC swb tks (2X7 dys) \$560
RNI wtr disposal \$500
IPC location cleanup \$300
Mt. West sanitation \$400
IPC supervision \$300

Workover Supervisor: Gary Dietz

DAILY COST: \$9,973
TOTAL WELL COST: \$96,148

ATTACHMENT H

WORK PROCEDURE FOR PLUGGING AND ABANDONMENT

1. Set CIBP @ 4209'
2. Plug #1 Set 100' plug on top of CIBP using 12 sx Class "G" cement
3. Plug #2 190' balance plug using 22 sx Class "G" cement 50' above Trona-Bird's Nest extending 50' below base of Mahogany Oil Shale
4. Plug #3 120' balance plug using 14 sx Class "G" cement 60' above Uinta/Green River and extending 60' below
5. Perf 4 JSPF @ 306'
6. Plug #4 Circulate 86 sx Class "G" Cement down 5-1/2" casing and up the 5 1/2" x 8 5/8" annulus.

The approximate cost to plug and abandon this well is \$59,344.

Monument Federal #31-8-9-16

Spud Date: 1/15/97
 Put on Production: 2/14/97
 GL: 5838' KB: 5849'

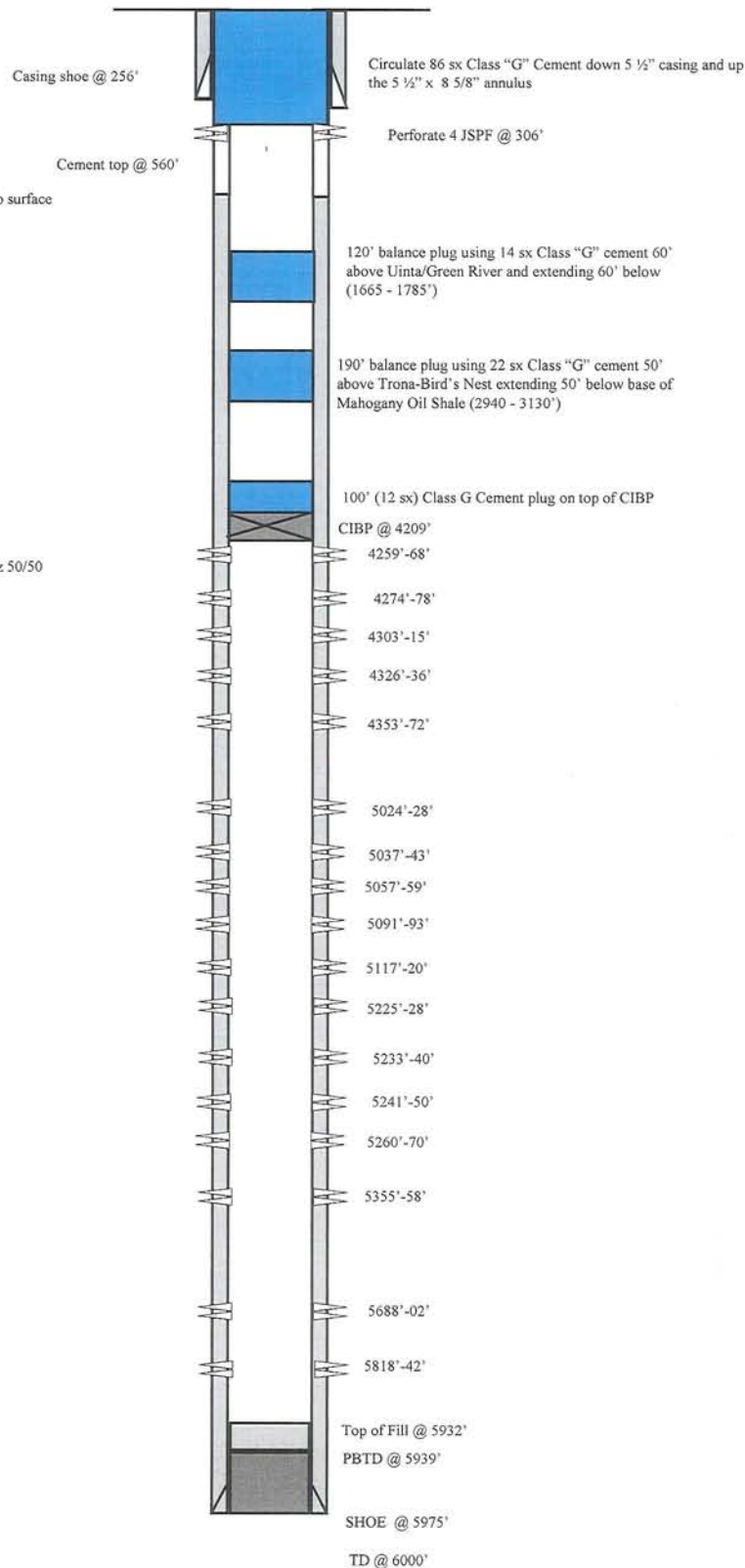
Initial Production: 194 BOPD, 93 MCFD
 23 BWPD

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 5 JTS
 DEPTH LANDED: 256.20'
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sx Class "G" cmt, est 5 bbls to surface

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 143 jts (5974.92')
 SET AT: 5984.92'
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 240 sx Premium & 390 sx Poz 50/50
 CEMENT TOP AT: 560'

Proposed P&A
Wellbore Diagram

Monument Federal #31-8-9-16
 520 FNL & 2076 FEL
 NWNE Section 8-T9S-R16E
 Duchesne Co, Utah
 API #43-013-31721; Lease #UTU-020255

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

SUBMIT IN TRIPLICATE - Other Instructions on page 2

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

NEWFIELD PRODUCTION COMPANY

3a. Address

Route 3 Box 3630
Myton, UT 84052

3b. Phone (include area code)

435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

520 FNL 2076 FEL

NWNE Section 8 T9S R16E

5. Lease Serial No.

USA UTU-020255

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or

GMBU

8. Well Name and No.

MON FED 31-8-9-16

9. API Well No.

4301331721

10. Field and Pool, or Exploratory Area

GREATER MB UNIT

11. County or Parish, State

DUCHESNE, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	_____
	<input checked="" type="checkbox"/> Convert to Injector	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	_____

13. Describe Proposed or Completed Operation: (Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Newfield Production proposes to convert the above mentioned well from a producing oil well to an injection well.

I hereby certify that the foregoing is true and correct (Printed/ Typed)

Eric Sundberg

Signature

Title

Regulatory Lead

Date

05/13/2010

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title

Date

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on page 2)

BEFORE THE DIVISION OF OIL, GAS AND MINING
DEPARTMENT OF NATURAL RESOURCES
STATE OF UTAH
NOTICE OF AGENCY ACTION
CAUSE NO. UIC-365

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTION 24, TOWNSHIP 8 SOUTH, RANGE 16 EAST, AND SECTIONS 5, 6, and 8, TOWNSHIP 9 SOUTH, RANGE 16 EAST; DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS.

THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.

Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Newfield Production Company for administrative approval of the following wells located in Duchesne County, Utah, for conversion to Class II injection wells:

Greater Monument Butte Unit:

Federal 10-24-8-16 well located in NW/4 SE/4, Section 24, Township 8 South, Range 16 East,
South Wells Draw 16-5T-9-16 well located in SE/4 SE/4, Section 5, Township 9 South, Range 16 East
Nine Mile 4-6-9-16 well located in NW/4 NW/4, Section 6, Township 9 South, Range 16 East
Nine Mile 6-6-9-16 well located in SE/4 NW/4, Section 6, Township 9 South, Range 16 East
West Point 6-8-9-16 well located in SE/4 NW/4, Section 8, Township 9 South, Range 16 East
Monument Federal 31-8-9-16 well located in NW/4 NE/4, Section 8, Township 9 South, Range 16 East

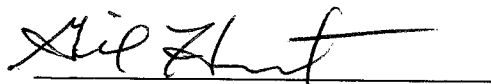
The proceeding will be conducted in accordance with Utah Admin. R649-10, Administrative Procedures.

Selected zones in the Green River Formation will be used for water injection. The maximum requested injection pressures and rates will be determined based on fracture gradient information submitted by Newfield Production Company.

Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. The Division's Presiding Officer for the proceeding is Acting Associate Director – Oil and Gas, at P.O. Box 145801, Salt Lake City, UT 84114-5801, phone number (801) 538-5340. If such a protest or notice of intervention is received, a hearing will be scheduled in accordance with the aforementioned administrative procedural rules. Protestants and/or interveners should be prepared to demonstrate at the hearing how this matter affects their interests.

Dated this 27th day of May, 2010.

STATE OF UTAH
DIVISION OF OIL, GAS & MINING



Gil Hunt
Associate Director

Newfield Production Company

**MONUMENT BUTTE FEDERAL 10-24-8-16, SOUTH WELLS DRAW 16-5T-9-16,
NINE MILE 4-6-9-16, NINE MILE 6-6-9-16, WEST POINT 6-8-9-16,
MONUMENT FEDERAL 31-8-9-16.**

Cause No. UIC-365

Publication Notices were sent to the following:

Newfield Production Company
1001 17th Street, Suite 2000
Denver, CO 80202

Duchesne County Planning
P O Box 317
Duchesne, UT 84021-0317

Uintah Basin Standard
268 South 200 East
Roosevelt, UT 84066
via e-mail ubs@ubstandard.com

Bruce Suchomel
US EPA Region 8
MS 8P-W-GW
1595 Wynkoop Street
Denver, CO 80202-1129

Salt Lake Tribune
P O Box 45838
Salt Lake City, UT 84145
via e-mail naclegal@mediaoneutah.com

Newfield Production Company
Rt 3 Box 3630
Myton, UT 84052

Vernal Office
Bureau of Land Management
170 South 500 East
Vernal, UT 84078

SITLA
675 East 500 South, Suite 500
Salt Lake City, UT 84102-2818



From: Bonnie <bonnie@ubstandard.com>
To: <jsweet@utah.gov>
Date: 5/27/2010 3:52 PM
Subject: UIC 365

Jean,
Newfield Cause No. UIC 365 will run on June 1st.
Thank you,

--
Bonnie Parrish
Uintah Basin Standard
268 South 200 East
Roosevelt, UT 84066
(435) 722-5131
(435) 722-4140 Fax
bonnie@ubstandard.com



GARY R. HERBERT
Governor

GREGORY S. BELL
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

May 27, 2010

Via e-mail: ubs@ubstandard.com

Uintah Basin Standard
268 South 200 East
Roosevelt, UT 84066

Subject: Notice of Agency Action – Newfield Production Company Cause No. UIC-365

To whom it may concern:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please notify me via e-mail of the date it will be published. My e-mail address is: jsweet@utah.gov.

Please send proof of publication and billing to:

Division of Oil, Gas and Mining
PO Box 145801
Salt Lake City, UT 84114-5801

Sincerely,

Jean Sweet
Executive Secretary

Enclosure

Jean Sweet - RE: Notice of Agency Action - Newfield Production Company Cause No. UIC-365

From: "NAC Legal" <naclegal@mediaoneutah.com>
To: "'Jean Sweet'" <jsweet@utah.gov>
Date: 5/27/2010 3:50 PM
Subject: RE: Notice of Agency Action - Newfield Production Company Cause No. UIC-365

Ad #582622 is scheduled to run June 2nd in Salt Lake Tribune, Deseret News and on the website utahlegals.com .

Total charge is \$223.40. Please check the ad in the papers.

Thank you,

Lynn Valdez
MediaOne of Utah,
a Newspaper Agency Company
4770 South 5600 West
West Valley City, Utah 84118
Ph.: 801-204-6245
Email: naclegal@mediaoneutah.com

From: Jean Sweet [mailto:jsweet@utah.gov]
Sent: Thursday, May 27, 2010 3:02 PM
To: naclegal@mediaoneutah.com
Subject: Notice of Agency Action – Newfield Production Company Cause No. UIC-365

To whom it may concern:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please notify me via e-mail of the date it will be published. My e-mail address is: jsweet@utah.gov.

Please send proof of publication and billing for **account #9001402352** to:

Division of Oil, Gas and Mining
PO Box 145801
Salt Lake City, UT 84114-5801

Jean Sweet, Executive Secretary
Utah Div. of Oil, Gas & Mining
1594 West Temple, Suite 1210
Salt Lake City, UT
801-538-5329
jsweet@utah.gov



GARY R. HERBERT
Governor

GREGORY S. BELL
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

May 27, 2010

VIA E-MAIL naclegal@mediaoneutah.com

Salt Lake Tribune
P. O. Box 45838
Salt Lake City, UT 84145

Subject: Notice of Agency Action – Newfield Production Company Cause No. UIC-365

To whom it may concern:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please notify me via e-mail of the date it will be published. My e-mail address is: jsweet@utah.gov.

Please send proof of publication and billing for **account #9001402352** to:

Division of Oil, Gas and Mining
PO Box 145801
Salt Lake City, UT 84114-5801

Sincerely,

Jean Sweet
Executive Secretary

Enclosure



Monument Federal
7-9-16

AFFIDAVIT OF PUBLICATION

County of Duchesne,
STATE OF UTAH

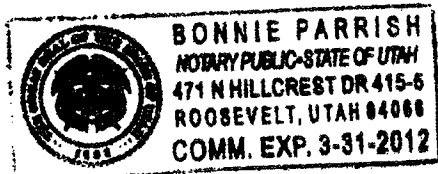
I, Geoff Liesik on oath, say that I am the EDITOR of the Uintah Basin Standard, a weekly newspaper of general circulation, published at Roosevelt, State and County aforesaid, and that a certain notice, a true copy of which is hereto attached, was published in the full issue such newspaper for 1 consecutive issues, and that the first publication was on the 1 day of June, 20 10, and that the last publication of such notice was in the issue of such newspaper dated the 1 day of June, 20 10, and that said notice was published on Utahlegals.com on the same day as the first newspaper publication and the notice remained on Utahlegals.com until the end of the scheduled run.

Editor

Subscribed and sworn to before me this

15 day of June, 20 10
Bonnie Parrish

Notary Public



NOTICE OF AGENCY ACTION CAUSE NO. UIC-365

BEFORE THE DIVISION OF OIL, GAS AND MINING

DEPARTMENT OF NATURAL RESOURCES

STATE OF UTAH
IN THE MATTER OF
THE APPLICATION
OF NEWFIELD PRODUCTION COMPANY
FOR ADMINISTRATIVE APPROVAL OF
CERTAIN WELLS LOCATED IN SECTION 24,
TOWNSHIP 8 SOUTH, RANGE 16 EAST, AND
SECTIONS 5, 6, and 8, TOWNSHIP 9 SOUTH,
RANGE 16 EAST, DUCHESNE COUNTY,
UTAH, AS CLASS II INJECTION WELLS.

THE STATE OF UTAH
TO ALL PERSONS INTERESTED IN THE
ABOVE ENTITLED MATTER.

Dated this 27th day of May, 2010.

STATE OF UTAH
DIVISION OF OIL, GAS & MINING

/s/
Gil Hunt

Associate Director

Published in the Uintah Basin Standard June 1, 2010.

NORTH 213.33 FEET
193.00 FEET THENCE
1000 FEET WEST
THE EAST SECTION
213.33 FEET ALONG
NINTH SOUTH
RIDIAN, AND RUN
LAKE BASIN AND ME-
RANGE 22 EAST, SALT
TOWNSHIP 5 SOUTH
TER OF SECTION 18,
NORTHEAST QUAR-
QUARTER OF THE
OF THE SOUTHEAST
NORTHEAST CORNER
FEET SOUTH OF THE
BEGINNING 506.67
County:
property located in Uintah
ering the following real
INC. as Beneficiary, cov-
TRATION SYSTEMS
ELECTRONIC REGIS-
in favor of MORTGAGE
HASKINS, as Trustee(s)
by CHRISTOPHER
28, 2007 and executed
a trust deed dated August
the purpose of foreclosing
the purpose of foreclosing
submitted by Newfield
Production Company.

Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. The Division's Presiding Officer for the proceeding is Acting Associate Director - Oil and Gas, at P.O. Box 145801, Salt Lake City, UT 84114-5801, phone number (801) 538-5340. If such a protest or notice of intervention is received, a hearing will be scheduled in accordance with the aforementioned administrative procedural rules. Protestants and/or interveners should be prepared to demonstrate at the hearing how this matter affects their interests.

2250|REB|GGUICADMIN/GF10/6131



Send Payments to:
268 S 200 E
Roosevelt, Utah 84066
Phone: 435-722-5131
Fax: 435-722-4140
www.ubstandard.com
www.vernal.com

Invoice Number	Invoice Date
1713	6/15/2010
Advertiser No.	Invoice Amount
2080	\$112.00
	Due Date
	7/15/2010

Rose Norton
DIVISION OF OIL GAS & MINING
1594 W. N.TEMPLE STE 121
PO BOX 145801
SALT LAKE CITY, UT 84114-5801

RECEIVED

JUN 17 2010

DIV. OF OIL, GAS & MINING

1 1/2% fee will be charged to all
past due balances.

Amount Enclosed

Please detach top portion and return with your payment.

INVOICE

Uintah Basin Standard

DIVISION OF OIL GAS &
MINING

Invoice No. 1713

6/15/2010

Date	Order	Publication	Description	Ad Size	Sales Tax	Amount
6/15/2010	653	Uintah Basin Standard	Notice of Agency Action Cause No. UIC-365 Ran June 1, 2010		\$0.00	\$112.00
Total Transactions: 1					\$0.00	\$112.00

SUMMARY

Advertiser No. 2080

Invoice No. 1713

1 1/2% fee will be charged to all past due balances.

Thank You for your business!

4770 S. 5600 W.
P.O. BOX 704005
WEST VALLEY CITY, UTAH 84170
FED.TAX I.D.# 87-0217663

The Salt Lake Tribune

MEDIA One
A NEWSPAPER AGENCY COMPANY

Morning News

CUSTOMER'S
COPY

PROOF OF PUBLICATION

CUSTOMER NAME AND ADDRESS	ACCOUNT NUMBER	DATE
DIV OF OIL-GAS & MINING, 1594 W NORTH TEMP #1210 P.O. BOX 145801 SALT LAKE CITY, UT 84114	9001402352	6/3/2010

ACCOUNT NAME	
DIV OF OIL-GAS & MINING,	
TELEPHONE	ADORDER# / INVOICE NUMBER
8015385340	0000582622 /
SCHEDULE	
Start 06/02/2010	End 06/02/2010
CUST. REF. NO.	
Cause No. UIC-365	
CAPTION	
BEFORE THE DIVISION OF OIL, GAS AND MINI	
SIZE	
65 Lines	2.00 COLUMN
TIMES	RATE
4	
MISC. CHARGES	AD CHARGES
TOTAL COST	
223.40	

BEFORE THE DIVISION OF OIL, GAS AND MINING
DEPARTMENT OF NATURAL RESOURCES
STATE OF UTAH
NOTICE OF AGENCY ACTION
CAUSE NO. UIC-365

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTION 24, TOWNSHIP 8 SOUTH, RANGE 16 EAST, AND SECTIONS 5, 6, AND 8, TOWNSHIP 9 SOUTH, RANGE 16 EAST, DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS.

THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.

Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Newfield Production Company for administrative approval of the following wells located in Duchesne County, Utah, for conversion to Class II injection wells:

Greater Monument Butte Unit:
Federal 10-24-8-16 well located in NW/4 SE/4, Section 24 Township 8 South, Range 16 East, South Wells Draw 16-51
9-16 well located in SE/4 SE/4, Section 5, Township 9 South, Range 16 East Nine Mile 4-4-9-16 well located in NW/4 NW/4, Section 6, Township 9 South, Range 16 East Nine Mile 6-6-9-16 well located in SE/4 NW/4, Section 6, Township 9 South, Range 16 East West Point 6-8-9-16 well located in SE/4 NW/4, Section 8, Township 9 South, Range 16 East Monument Federal 31-8-9-16 well located in NW/4 NE/4 Section 8, Township 9 South, Range 16 East

The proceeding will be conducted in accordance with Utah Admin. R649-10, Administrative Procedures.

Selected zones in the Green River Formation will be used for water injection. The maximum requested injection pressure and rates will be determined based on fracture gradient information submitted by Newfield Production Company.

Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. The Division's Presiding Officer for the proceeding is Acting Associate Director - Oil and Gas, at P.O. Box 145801, Salt Lake City, UT 84114-5801, phone number (801) 538-5340. If such a protest or notice of intervention is received, a hearing will be scheduled in accordance with the aforementioned administrative procedure rules. Protestants and/or interveners should be prepared to demonstrate at the hearing how this matter affects their interests.

Dated this 27th day of May, 2010.

STATE OF UTAH
DIVISION OF OIL, GAS & MINING
/s/ Gill Hunt
Gill Hunt
Associate Director

582622 UPAUL

AFFIDAVIT OF PUBLICATION

AS NEWSPAPER AGENCY CORPORATION LEGAL BOOKER, I CERTIFY THAT THE ATTACHED ADVERTISEMENT OF **BEFORE THE DIVISION OF OIL, GAS AND MINI** FOR **DIV OF OIL-GAS & MINING**, WAS PUBLISHED BY THE NEWSPAPER AGENCY CORPORATION, AGENT FOR THE SALT LAKE TRIBUNE AND DESERET NEWS, DAILY NEWSPAPERS PRINTED IN THE ENGLISH LANGUAGE WITH GENERAL CIRCULATION IN UTAH, AND PUBLISHED IN SALT LAKE CITY, SALT LAKE COUNTY IN THE STATE OF UTAH. NOTICE IS ALSO POSTED ON UTAHLEGALS.COM ON THE SAME DAY AS THE FIRST NEWSPAPER PUBLICATION DATE AND REMAINS ON UTAHLEGALS.COM INDEFINITELY.

PUBLISHED ON Start 06/02/2010 End 06/02/2010

SIGNATURE

[Handwritten Signature]

DATE

6/3/2010



VIRGINIA CRAFT
Notary Public, State of Utah
Commission # 581469
My Commission Expires
January 12, 2014

[Handwritten Signature: Virginia Craft]

THIS IS NOT A STATEMENT BUT A "PROOF OF PUBLICATION"
PLEASE PAY FROM BILLING STATEMENT



GARY R. HERBERT
Governor

GREGORY S. BELL
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

June 21, 2010

Newfield Production Company
1001 Seventeenth Street, Suite 2000
Denver, CO 80202

Subject: Greater Monument Butte Unit Well: Monument Federal 31-8-9-16, Section 8, Township 9 South, Range 16 East, SLBM, Duchesne County, Utah, API Well # 43-013-31721

Gentlemen:

Pursuant to Utah Admin. Code R649-5-3-3, the Division of Oil, Gas and Mining (the "Division") issues its administrative approval for conversion of the referenced well to a Class II injection well. Accordingly, the following stipulations shall apply for full compliance with this approval:

1. Compliance with all applicable requirements for the operation, maintenance and reporting for Underground Injection Control ("UIC") Class II injection wells pursuant to Utah Admin. Code R649-1 et seq.
2. Conformance with all conditions and requirements of the complete application submitted by Newfield Production Company.
3. A casing/tubing pressure test shall be conducted prior to commencing injection.
4. Pressure shall be monitored between the surface casing and the production casing on a regular basis. Any pressure changes observed shall be reported to the Division immediately.

A final approval to commence injection will be issued upon satisfactory completion of the listed stipulations. If you have any questions regarding this approval or the necessary requirements, please contact Mark Reinbold at 801-538-5333 or Brad Hill at 801-538-5315.

Sincerely,

Don Staley
Acting Associate Director

DTS/MLR/js

cc: Bruce Suchomel, Environmental Protection Agency
Bureau of Land Management, Vernal
Duchesne County
Newfield Production Company, Myton
Well File

N:\O&G Reviewed Docs\ChronFile\UIC



DIVISION OF OIL, GAS AND MINING
UNDERGROUND INJECTION CONTROL PROGRAM
PERMIT
STATEMENT OF BASIS

Applicant: Newfield Production Company **Well:** Monument Federal 31-8-9-16

Location: 8/9S/16E **API:** 43-013-31721

Ownership Issues: The proposed well is located on BLM land. The well is located in the Greater Monument Butte Unit. Lands in the one-half mile radius of the well are administered by the BLM. The Federal Government is the mineral owner within the area of review (AOR). Newfield and other various individuals hold the leases in the unit. Newfield has provided a list of all surface, mineral and leaseholders in the half-mile radius. Newfield is the operator of the Greater Monument Butte Unit. Newfield has submitted an affidavit stating that all owners and interest owners have been notified of their intent.

Well Integrity: The proposed well has surface casing set at 256 feet and has a cement top at the surface. A 5½ inch production casing is set at 5,985 feet. A cement bond log demonstrates adequate bond in this well up to 3,640 feet. A 2 7/8 inch tubing with a packer will be set at 4,209 feet. Higher perforations will be opened at a later date. A mechanical integrity test will be run on the well prior to injection. On the basis of surface locations, there are 9 producing wells, 3 injection wells, 1 shut-in well, and 2 P/A wells in the AOR. One of those producing wells has a bottom hole location outside the AOR. Additionally, there is 1 producing well, which has a surface location outside the AOR but is directionally drilled to bottom hole location inside the AOR. All of the wells have evidence of adequate casing and cement. Inasmuch as some logs are of dubious quality or do not exhibit conclusive cement tops, it has been necessary to calculate approximate tops for "lite" cement, based on the cement indicated in the well completion report.

Ground Water Protection: As interpreted from Technical Publication No. 92, the base of moderately saline water is at a depth of approximately 1300 feet. Injection shall be limited to the interval between 4,108 feet and 6,000 feet in the Green River Formation. The plugged and abandoned Castle Peak 9R well is located about 1/3 mile northeast of the Monument Federal 31-8-9-16 well. The cement bond log for Castle Peak 9R indicates a cement top at about 4,540 feet. However, inasmuch as the Castle Peak 9R well has been properly plugged, it should pose no problem for the permitting the 31-8-9-16 well for injection at the requested interval. Information submitted by Newfield indicates that the fracture gradient for the 31-8-9-16 well is 0.75 psi/ft., which was the lowest reported fracture gradient for the injection zone. The resulting minimum fracture pressure for the proposed injection interval is 1,753 psig. The requested maximum pressure is 1,753 psig. The anticipated average injection pressure is 1100 psig. Injection at this pressure should not initiate any new fractures or propagate existing fractures in the adjacent confining intervals. Any groundwater present should be adequately protected.

Oil/Gas& Other Mineral Resources Protection: The Board of Oil, Gas & Mining approved the Greater Monument Butte Unit on December 1, 2009. Correlative rights issues were addressed at this time. Previous reviews in this area indicate that other mineral resources in the area have been protected or are not at issue.

Bonding: Bonded with the BLM

Actions Taken and Further Approvals Needed: A notice of agency action has been sent to the Salt Lake Tribune and the Uinta Basin Standard. A casing/tubing pressure test will be required prior to injection. It is recommended that approval of this application be granted.

Note: Applicable technical publications concerning water resources in the general vicinity of this project have been reviewed and taken into consideration during the permit review process.

Reviewer(s): Mark Reinbold Date 6/21/2010



October 12, 2010


Mr. Brad Hill
State of Utah, DOGM
1594 West North Temple-Suite 1310
P.O. Box 145801
Salt Lake City, Utah 84114-5801

RE: Injection Conversion
Monument Federal 31-8-9-16
API # 43-013-31721

Dear Mr. Brad Hill:

The subject well was converted to an injector. Please find enclosed the sundry, a copy of the tabular, and chart. If you have any questions please call me at 435-646-4874.

Sincerely,


Lucy Chavez-Naupoto
Administrative Assistant

RECEIVED

OCT 14 2010

DIV. OF OIL, GAS & MINING

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

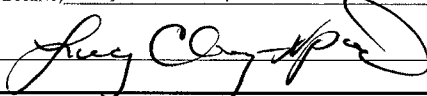
1. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NUMBER: USA UTU-020255
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: Route 3 Box 3630 CITY Myton STATE UT ZIP 84052		7. UNIT or CA AGREEMENT NAME: GMBU
4. LOCATION OF WELL: FOOTAGES AT SURFACE: 520 FNL 2076 FEL		8. WELL NAME and NUMBER: MON FED 31-8-9-16
OTR/OTR. SECTION, TOWNSHIP, RANGE, MERIDIAN: NWNE, 8, T9S, R16E		9. API NUMBER: 4301331721
		10. FIELD AND POOL, OR WILDCAT: GREATER MB UNIT
		COUNTY: DUCHESNE
		STATE: UT

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will _____	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input checked="" type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input checked="" type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION (START/STOP) <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	<input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARITLY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLAIR <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUT-OFF <input type="checkbox"/> OTHER: -
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: 10/07/2010			

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The subject well has been converted from a producing oil well to an injection well on 10/05/2010.
On 10/06/2010 Dennis Ingram with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well.
Permission was given at that time to perform the test on 10/06/2010. On 10/07/2010 the casing was pressured up to 1350 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was a State representative available to witness the test - Dennis Ingram.

API# 43-013-31721

NAME (PLEASE PRINT) <u>Lucy Chavez-Naupoto</u>	TITLE <u>Administrative Assistant</u>
SIGNATURE 	DATE <u>10/12/2010</u>

(This space for State use only)

RECEIVED
OCT 14 2010
DIV. OF OIL, GAS & MINING

10/6/2010

Mechanical Integrity Test Casing or Annulus Pressure Test

Newfield Production Company

Rt. 3 Box 3630

Myton, UT 84052

435-646-3721

Witness: Dennis Ingram Date 10/7/10 Time 12:00 am ☒ pm
Test Conducted by: Cole Harris
Others Present: Eric Park

Well: Monument federal 31-8-9-16

Field: Monument Butte

Well Location: NW/NE sec. 8, T9S, R16E

API No: 43-013-31721

Duchesne County

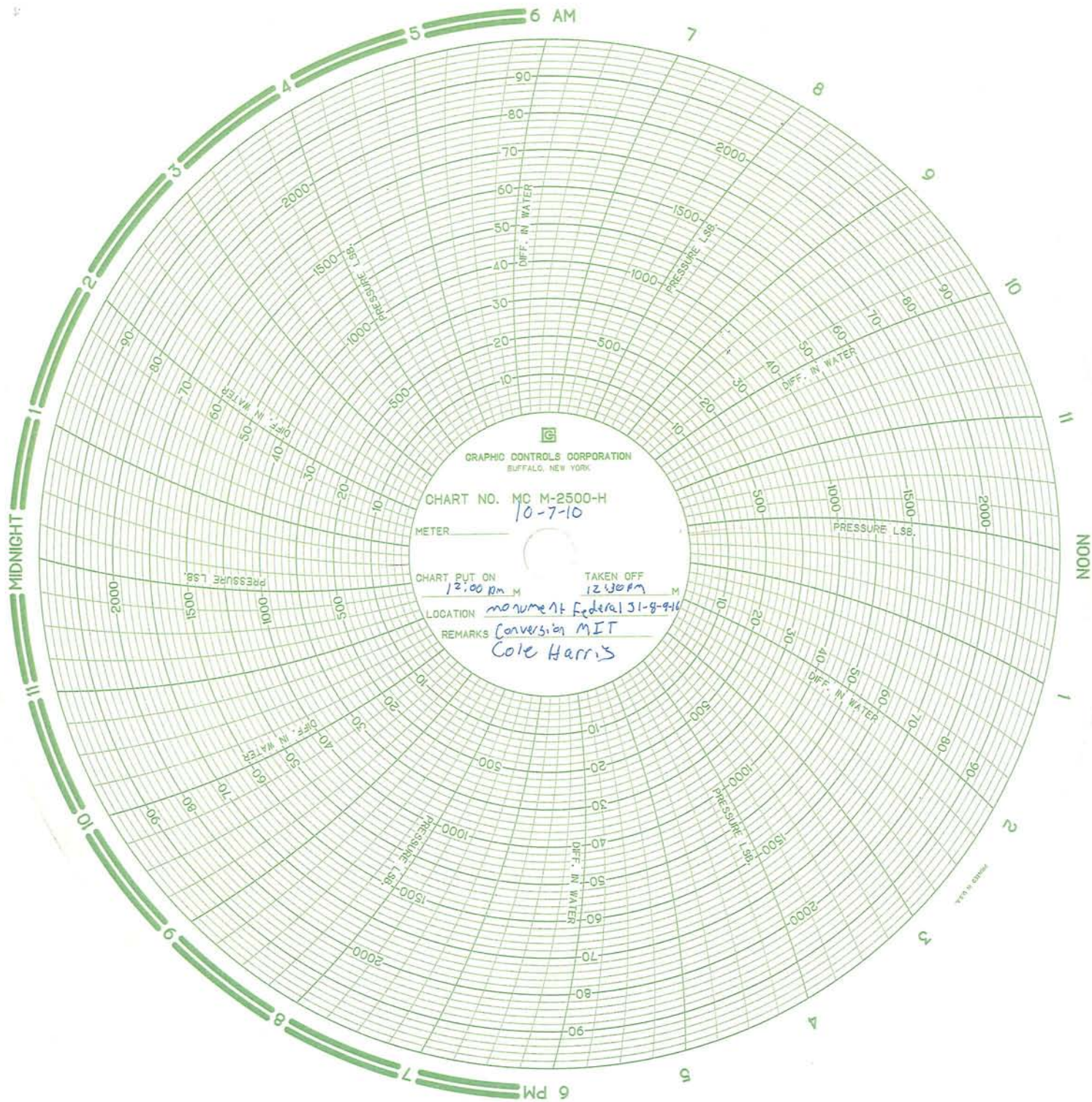
<u>Time</u>	<u>Casing Pressure</u>	
0 min	<u>1350</u>	psig
5	<u>1350</u>	psig
10	<u>1350</u>	psig
15	<u>1350</u>	psig
20	<u>1350</u>	psig
25	<u>1350</u>	psig
30 min	<u>1350</u>	psig
35		psig
40		psig
45		psig
50		psig
55		psig
60 min		psig

Tubing pressure: 0 psig

Result: Pass Fail

Signature of Witness: Dennis Ingram

Signature of Person Conducting Test: Cole Harris



Daily Activity Report**Format For Sundry****MON 31-8-9-16****8/1/2010 To 12/30/2010****10/5/2010 Day: 1****Conversion**

WWS #7 on 10/5/2010 - MIRU Western rig #7. LD rod string & pump. - MIRU Western rig #7. RU HO trk to annulus & pump 60 BW @ 250°F. RU pumping unit & unseat rod pump. Flush tbg & rods W/ 30 BW @ 250°F. Re-seat pump, soft joint rod string & strip off flow-T. Fill tbg W/ 10 BW. Pressure test tbg to 3000 psi. Retrieve rod string & unseat pump. TOH & LD rod string and pump. Re-flushed rods twice more on TOH. SIFN. - MIRU Western rig #7. RU HO trk to annulus & pump 60 BW @ 250°F. RU pumping unit & unseat rod pump. Flush tbg & rods W/ 30 BW @ 250°F. Re-seat pump, soft joint rod string & strip off flow-T. Fill tbg W/ 10 BW. Pressure test tbg to 3000 psi. Retrieve rod string & unseat pump. TOH & LD rod string and pump. Re-flushed rods twice more on TOH. SIFN. **Finalized**

Daily Cost: \$0**Cumulative Cost: (\$5,432)**

10/6/2010 Day: 2**Conversion**

WWS #7 on 10/6/2010 - TOH W/ production tbg. TIH W/ packer & test injection string. Set & test packer. RDMOSU. - Perform MIT. Run Vaughn Energy Services gyro survey. - Perform MIT. Run Vaughn Energy Services gyro survey. - TOH & talley production tbg. Break each connection, clean & inspect pins and apply Liquid O-ring to pins. LD btm 54 jts & BHA. Flushed tbg twice on TOH W/ 40 BW. MU & TIH W/ new Weatherford 5 1/2" Arrowset 1-X packer (W/ wicker slips & W.L. re-entry guide), new 2 7/8 SN and 134 jts 2 7/8 8rd 6.5# J-55 tbg. Re-torque each connection on TIH. RU HO trk & pump 10 bbls pad. Drop standing valve & pump to SN. Pressure test tbg to 3000 psi. Bled air & re-bumped pressure several times. Final test held solid for 30 minutes. Retrieve standing valve W/ overshot on sandline. ND BOP & land tbg on flange. Mix 15 gals Multi-Chem C-6031 & 5 gals B-8850 in 70 bbls fresh water. Pump dn annulus @ 90°F. PU on tbg & set pkr W/ SN @ 4177', CE @ 4182' & EOT @ 4186'. Land tbg W/ 15,000# tension. NU wellhead. Pressure test annulus & pkr to 1500 psi. Holds solid for 1 hour. RDMOSU. - TOH & talley production tbg. Break each connection, clean & inspect pins and apply Liquid O-ring to pins. LD btm 54 jts & BHA. Flushed tbg twice on TOH W/ 40 BW. MU & TIH W/ new Weatherford 5 1/2" Arrowset 1-X packer (W/ wicker slips & W.L. re-entry guide), new 2 7/8 SN and 134 jts 2 7/8 8rd 6.5# J-55 tbg. Re-torque each connection on TIH. RU HO trk & pump 10 bbls pad. Drop standing valve & pump to SN. Pressure test tbg to 3000 psi. Bled air & re-bumped pressure several times. Final test held solid for 30 minutes. Retrieve standing valve W/ overshot on sandline. ND BOP & land tbg on flange. Mix 15 gals Multi-Chem C-6031 & 5 gals B-8850 in 70 bbls fresh water. Pump dn annulus @ 90°F. PU on tbg & set pkr W/ SN @ 4177', CE @ 4182' & EOT @ 4186'. Land tbg W/ 15,000# tension. NU wellhead. Pressure test annulus & pkr to 1500 psi. Holds solid for 1 hour. RDMOSU. **Finalized**

Daily Cost: \$0**Cumulative Cost: \$288**

10/8/2010 Day: 3**Conversion**

Rigless on 10/8/2010 - Conversion MIT - On 10/6/2010 Dennis Ingram with the State of Utah DOGM was contacted concerning the Conversion MIT on the above listed well (Monument 31-8-9-16). Permission was given at that time to perform the test on 10/6/2010. On 10/7/2010 the csg was pressured up to 1350 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test The tbg pressure was 0 psig during the test. There was a

State representative available to witness the test. (Dennis Ingram) Final Report API# 43-013-31721 - On 10/6/2010 Dennis Ingram with the State of Utah DOGM was contacted concerning the Conversion MIT on the above listed well (Monument 31-8-9-16). Permission was given at that time to perform the test on 10/6/2010. On 10/7/2010 the csg was pressured up to 1350 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test The tbq pressure was 0 psig during the test. There was a State representative available to witness the test. (Dennis Ingram) Final Report API# 43-013-31721 **Finalized**

Daily Cost: \$0

Cumulative Cost: \$25,608

Pertinent Files: [Go to File List](#)



GARY R. HERBERT
Governor

GREGORY S. BELL
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

UNDERGROUND INJECTION CONTROL PERMIT

Cause No. UIC-365

Operator: Newfield Production Company
Well: Monument Federal 31-8-9-16
Location: Section 8, Township 9 South, Range 16 East
County: Duchesne
API No.: 43-013-31721
Well Type: Enhanced Recovery (waterflood)

Stipulations of Permit Approval

1. Approval for conversion to Injection Well issued on June 21, 2010.
2. Maximum Allowable Injection Pressure: 1,753 psig
3. Maximum Allowable Injection Rate: (restricted by pressure limitation)
4. Injection Interval: Green River Formation (4,108' – 6,000')
5. Any subsequent wells drilled within a ½ mile radius of this well shall have production casing cement brought up to or above the top of the unitized interval for the Greater Monument Butte Unit.

Approved by:


John Rogers
Associate Director

10/19/2010
Date

JR/MLR/js

cc: Bruce Suchomel, Environmental Protection Agency
Bureau of Land Management, Vernal
Eric Sundberg, Newfield Production Company, Denver
Newfield Production Company, Myton
Duchesne County
Well File

N:\O&G Reviewed Docs\ChronFile\UIC\Newfield
1594 West North Temple, Suite 1210, PO Box 145801, Salt Lake City, UT 84114 -5801
telephone (801) 538-5340 • facsimile (801) 359-3940 • TTY (801) 538-7458 • www.ogm.utah.gov



STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NUMBER: USA UTU-020255
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: Route 3 Box 3630 CITY Myton STATE UT ZIP 84052		7. UNIT or CA AGREEMENT NAME: GMBU
4. LOCATION OF WELL: FOOTAGES AT SURFACE: 520 FNL 2076 FEL		8. WELL NAME and NUMBER: MON FED 31-8-9-16
5. PHONE NUMBER: 435.646.3721		9. API NUMBER: 4301331721
6. COUNTY: DUCHESNE		10. FIELD AND POOL, OR WILDCAT: GREATER MB UNIT
7. OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: NWNE, 8, T9S, R16E		8. STATE: UT

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will 11/01/2010	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input checked="" type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION (START/STOP) <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	<input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARITLY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLAIR <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUT-OFF <input checked="" type="checkbox"/> OTHER: - Put on Injection
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion:			

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The above reference well was put on injection at 11:30 AM on 11-01-2010.

NAME (PLEASE PRINT) Lucy Chavez-Naupoto

TITLE Administrative Assistant

SIGNATURE

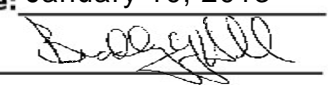
DATE 11/01/2010

(This space for State use only)

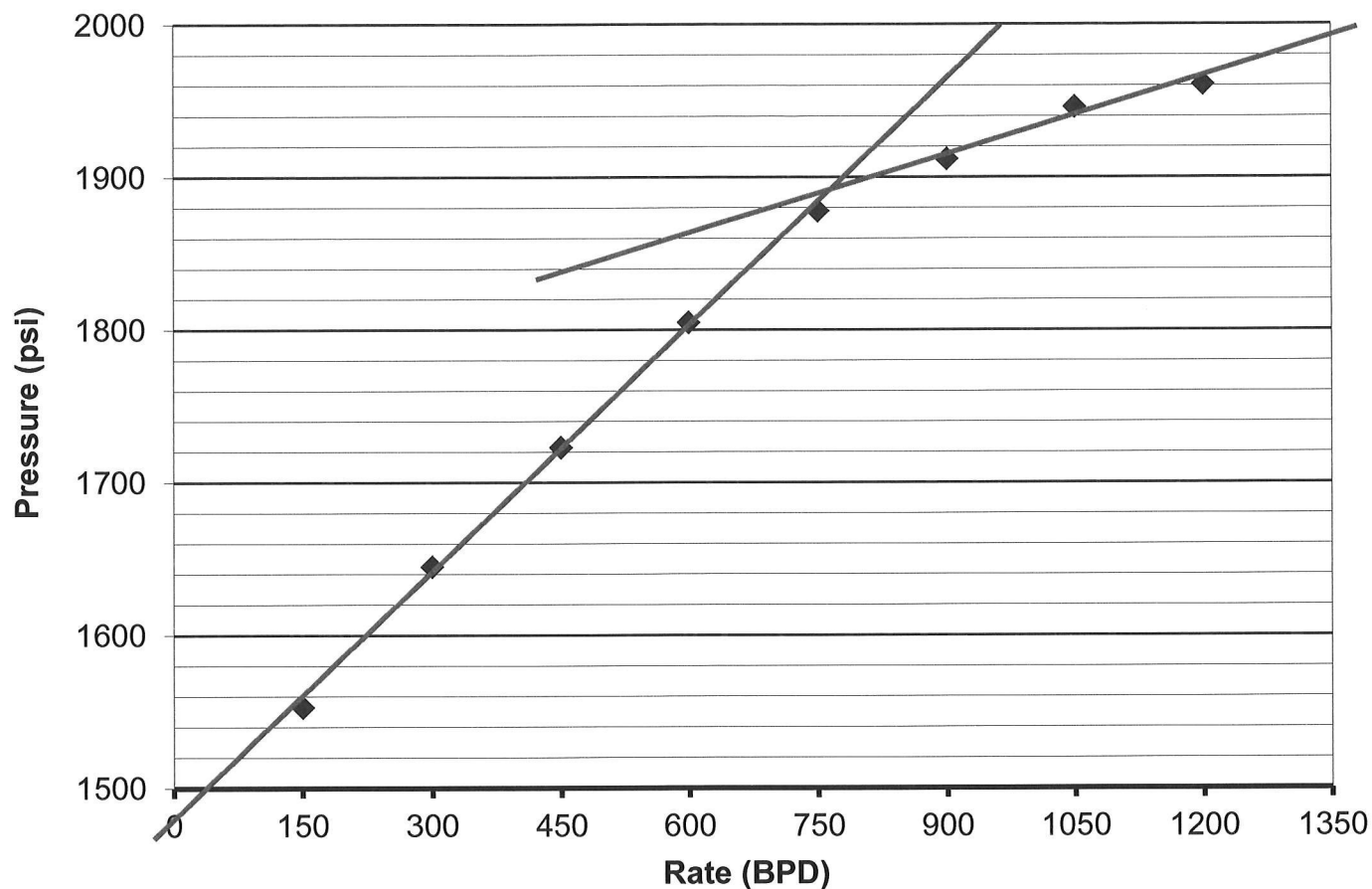
RECEIVED

NOV 08 2010

DIV. OF OIL, GAS & MINING

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-20255
1. TYPE OF WELL Water Injection Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
3. ADDRESS OF OPERATOR: Rt 3 Box 3630, Myton, UT, 84052		8. WELL NAME and NUMBER: MON FED 31-8-9-16
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0520 FNL 2076 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNE Section: 08 Township: 09.0S Range: 16.0E Meridian: S		9. API NUMBER: 43013317210000
PHONE NUMBER: 435 646-4825 Ext		9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
COUNTY: DUCHESNE		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE <input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 12/13/2012 <input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> WILDCAT WELL DETERMINATION <input checked="" type="checkbox"/> OTHER	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> APD EXTENSION OTHER: <input type="text" value="Step Rate Test"/>	
<input type="checkbox"/> DRILLING REPORT Report Date:		
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. A step rate test was conducted on the subject well on December 13, 2012. Results from the test indicate that the fracture gradient is 0.884 psi/ft. Therefore, Newfield is requesting that the maximum allowable injection pressure (MAIP) be changed from 1753 psi to 1895 psi.		
Accepted by the Utah Division of Oil, Gas and Mining Date: January 10, 2013 By: 		
NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A		DATE 1/8/2013

**Monument Federal 31-8-9-16
Greater Monument Butte Unit
Step Rate Test
December 13, 2012**



		Step	Rate(bpd)	Pressure(psi)
Start Pressure:	1495 psi	1	150	1553
		2	300	1645
Top Perforation:	4259 feet	3	450	1723
Fracture pressure (Pfp):	1895 psi	4	600	1805
FG:	0.884 psi/ft	5	750	1878
		6	900	1912
		7	1050	1946
		8	1200	1961

Data Table Report

Report Name: PrTemp1000 Data Table
 Report Date: 12/13/2012 16:22:51
 File Name: C:\Program Files\PTC® Instruments 2.03.12\
 Monument Federal 31-8-9-16 SRT.csv
 Device: PrTemp1000 - Temperature and Pressure Recorder
 Hardware Revision: REV2C (64K)
 Serial Number: N87695
 Device ID: PrTemp
 Data Start Date: Dec 13, 2012 09:00:01 AM MST
 Data End Date: Dec 13, 2012 01:30:01 PM MST
 Reading: 1 to 55 of 55
 Reading Rate: 30 Seconds
 Last Calibration Date: Aug 28, 2012
 Next Calibration Date: Aug 28, 2013
 Next Calibration Date: Aug 28, 2013

Monument Federal 31-8-9-16 SRT (12-13-2012)

Unit Type (All Units)

Reading DateTime (MST) Channel 2
 PSIA

1	Dec 13, 2012 09:00:01 AM	1496.2
2	Dec 13, 2012 09:05:01 AM	1496.2
3	Dec 13, 2012 09:10:01 AM	1495.6
4	Dec 13, 2012 09:15:01 AM	1496.4
5	Dec 13, 2012 09:20:01 AM	1495.8
6	Dec 13, 2012 09:25:01 AM	1495.6
7	Dec 13, 2012 09:30:01 AM	1495.4
8	Dec 13, 2012 09:35:01 AM	1523.8
9	Dec 13, 2012 09:40:01 AM	1536.2
10	Dec 13, 2012 09:45:01 AM	1542.8
11	Dec 13, 2012 09:50:01 AM	1545.8
12	Dec 13, 2012 09:55:01 AM	1549.6
13	Dec 13, 2012 10:00:01 AM	1553.2
14	Dec 13, 2012 10:05:01 AM	1603.2
15	Dec 13, 2012 10:10:01 AM	1614.4
16	Dec 13, 2012 10:15:01 AM	1625.4
17	Dec 13, 2012 10:20:01 AM	1631.6
18	Dec 13, 2012 10:25:01 AM	1637.2
19	Dec 13, 2012 10:30:01 AM	1644.8
20	Dec 13, 2012 10:35:01 AM	1680.8
21	Dec 13, 2012 10:40:01 AM	1699.8
22	Dec 13, 2012 10:45:01 AM	1708.4
23	Dec 13, 2012 10:50:01 AM	1712.2
24	Dec 13, 2012 10:55:01 AM	1718
25	Dec 13, 2012 11:00:01 AM	1723.2
26	Dec 13, 2012 11:05:01 AM	1775.4
27	Dec 13, 2012 11:10:01 AM	1783.8
28	Dec 13, 2012 11:15:01 AM	1789
29	Dec 13, 2012 11:20:01 AM	1797.2
30	Dec 13, 2012 11:25:01 AM	1802
31	Dec 13, 2012 11:30:01 AM	1805
32	Dec 13, 2012 11:35:01 AM	1854.4
33	Dec 13, 2012 11:40:01 AM	1864.2
34	Dec 13, 2012 11:45:01 AM	1866.6
35	Dec 13, 2012 11:50:01 AM	1867.4
36	Dec 13, 2012 11:55:01 AM	1873.2
37	Dec 13, 2012 12:00:01 PM	1878.2
38	Dec 13, 2012 12:05:01 PM	1903.2

Monument Federal 31-8-9-16 SRT (12-13-2012)

Unit Type Reading	(All Units) DateTime (MST)	Channel 2 PSIA
39	Dec 13, 2012 12:10:01 PM	1907
40	Dec 13, 2012 12:15:01 PM	1913.8
41	Dec 13, 2012 12:20:01 PM	1905.6
42	Dec 13, 2012 12:25:01 PM	1912.4
43	Dec 13, 2012 12:30:01 PM	1912.4
44	Dec 13, 2012 12:35:01 PM	1941
45	Dec 13, 2012 12:40:01 PM	1945
46	Dec 13, 2012 12:45:01 PM	1951.2
47	Dec 13, 2012 12:50:01 PM	1944.6
48	Dec 13, 2012 12:55:01 PM	1945
49	Dec 13, 2012 01:00:01 PM	1945.8
50	Dec 13, 2012 01:05:01 PM	1968.8
51	Dec 13, 2012 01:10:01 PM	1965.2
52	Dec 13, 2012 01:15:01 PM	1969.4
53	Dec 13, 2012 01:20:01 PM	1968.8
54	Dec 13, 2012 01:25:01 PM	1964.6
55	Dec 13, 2012 01:30:01 PM	1961.4

End of Report

Data Table Report

Report Name: PrTemp1000 Data Table
 Report Date: 12/13/2012 16:23:05
 File Name: C:\Program Files\PTC® Instruments 2.03.12\
 Monument Federal 31-8-9-16 ISIP.csv
 Device: PrTemp1000 - Temperature and Pressure Recorder
 Hardware Revision: REV2C (64K)
 Serial Number: N87695
 Device ID: PrTemp
 Data Start Date: Dec 13, 2012 01:30:13 PM MST
 Data End Date: Dec 13, 2012 02:00:14 PM MST
 Reading: 1 to 31 of 31
 Reading Rate: 30 Seconds
 Last Calibration Date: Aug 28, 2012
 Next Calibration Date: Aug 28, 2013
 Next Calibration Date: Aug 28, 2013

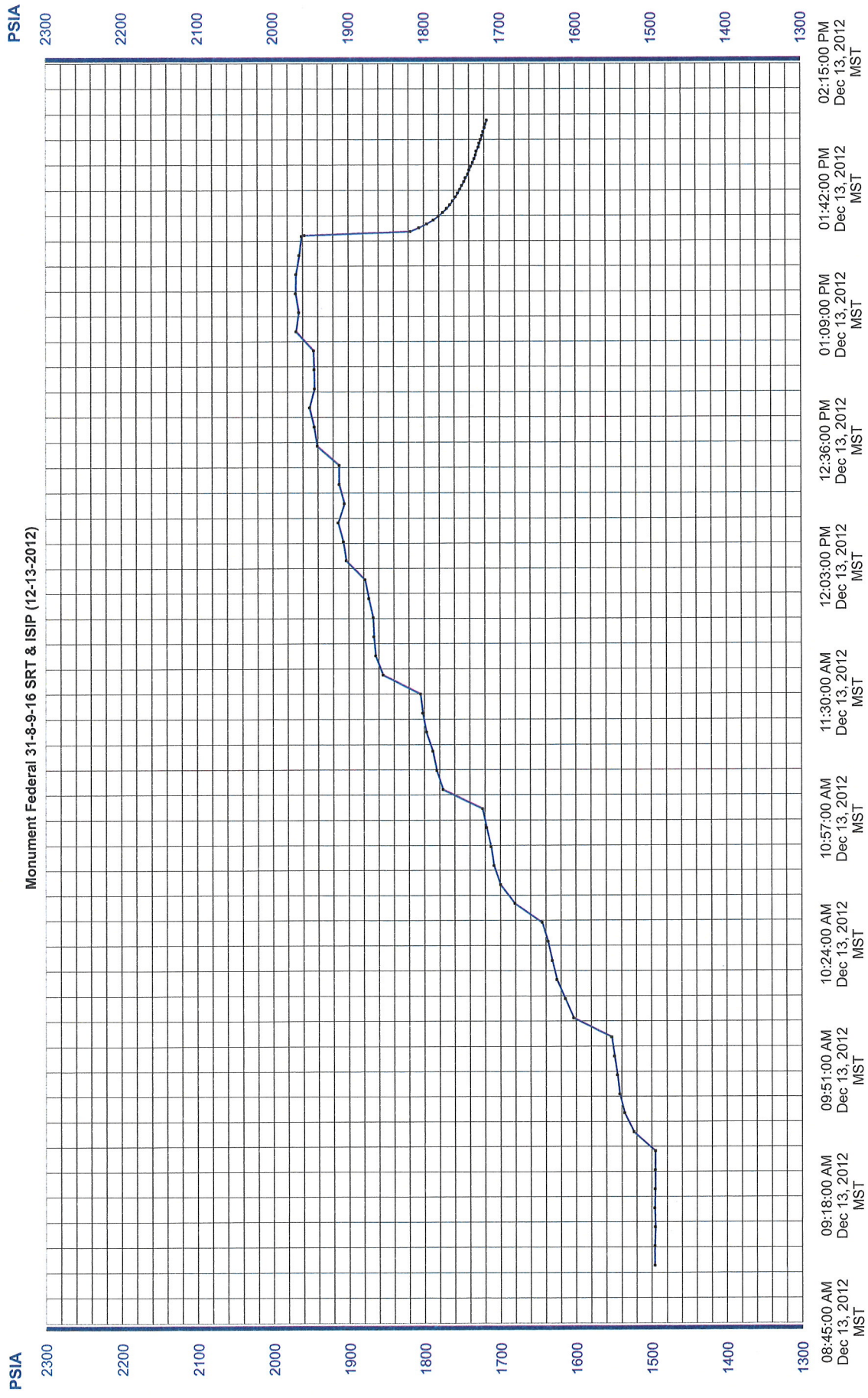
Monument Federal 31-8-9-16 ISIP (12-13-2012)


Unit Type (All Units)

Reading	DateTime (MST)	Channel 2 PSIA
---------	----------------	-------------------

1	Dec 13, 2012 01:30:13 PM	1957.8
2	Dec 13, 2012 01:31:14 PM	1817.6
3	Dec 13, 2012 01:32:13 PM	1806.2
4	Dec 13, 2012 01:33:13 PM	1796
5	Dec 13, 2012 01:34:14 PM	1787.4
6	Dec 13, 2012 01:35:13 PM	1780.6
7	Dec 13, 2012 01:36:13 PM	1774.8
8	Dec 13, 2012 01:37:14 PM	1769.6
9	Dec 13, 2012 01:38:14 PM	1765.2
10	Dec 13, 2012 01:39:13 PM	1761.6
11	Dec 13, 2012 01:40:14 PM	1758
12	Dec 13, 2012 01:41:14 PM	1754.8
13	Dec 13, 2012 01:42:13 PM	1751.8
14	Dec 13, 2012 01:43:14 PM	1749.4
15	Dec 13, 2012 01:44:14 PM	1746.4
16	Dec 13, 2012 01:45:13 PM	1744.4
17	Dec 13, 2012 01:46:13 PM	1741.2
18	Dec 13, 2012 01:47:14 PM	1739.6
19	Dec 13, 2012 01:48:13 PM	1737.4
20	Dec 13, 2012 01:49:13 PM	1735
21	Dec 13, 2012 01:50:14 PM	1733
22	Dec 13, 2012 01:51:13 PM	1731
23	Dec 13, 2012 01:52:13 PM	1730
24	Dec 13, 2012 01:53:14 PM	1727.4
25	Dec 13, 2012 01:54:14 PM	1726.2
26	Dec 13, 2012 01:55:13 PM	1724.4
27	Dec 13, 2012 01:56:14 PM	1722.6
28	Dec 13, 2012 01:57:14 PM	1721.2
29	Dec 13, 2012 01:58:13 PM	1719.4
30	Dec 13, 2012 01:59:13 PM	1718.2
31	Dec 13, 2012 02:00:14 PM	1716.6

End of Report



STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-20255
1. TYPE OF WELL Water Injection Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
3. ADDRESS OF OPERATOR: Rt 3 Box 3630, Myton, UT, 84052		8. WELL NAME and NUMBER: MON FED 31-8-9-16
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0520 FNL 2076 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNE Section: 08 Township: 09.0S Range: 16.0E Meridian: S		9. API NUMBER: 43013317210000
PHONE NUMBER: 435 646-4825 Ext		9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
COUNTY: DUCHESNE		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> PLUG BACK <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> WILDCAT WELL DETERMINATION <input checked="" type="checkbox"/> OTHER	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 9/10/2015	OTHER: 5 YR MIT	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> DRILLING REPORT Report Date:	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. On 09/08/2015 Richard Powell with the State of Utah DOGM was contacted concerning the 5 Year MIT on the above listed well. On 09/10/2015 the casing was pressured up to 1092 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 1720 psig during the test. There was not a State representative available to witness the test.		
Accepted by the Utah Division of Oil, Gas and Mining		Date: September 16, 2015 By: 
NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A		DATE 9/14/2015

Mechanical Integrity Test Casing or Annulus Pressure Test

Newfield Production Company
Rt. 3 Box 3630
Myton, UT 84052
435-646-3721

Witness: _____ Date 9/10/15 Time 9:42 am pm
Test Conducted by: Hal Richins
Others Present: _____

Well: Monument Federal 31-8-9-16

Field: Monument Butte

Well Location:

NW/NE SEC. 8, T9S, R16E

API No: 43-013-31721

<u>Time</u>	<u>Casing Pressure</u>	
0 min	<u>1097.0</u>	psig
5	<u>1094.2</u>	psig
10	<u>1093.2</u>	psig
15	<u>1092.8</u>	psig
20	<u>1091.8</u>	psig
25	<u>1091.8</u>	psig
30 min	<u>1091.6</u>	psig
35	<u>1091.8</u>	psig
40	_____	psig
45	_____	psig
50	_____	psig
55	_____	psig
60 min	_____	psig

Tubing pressure: 1720 psig

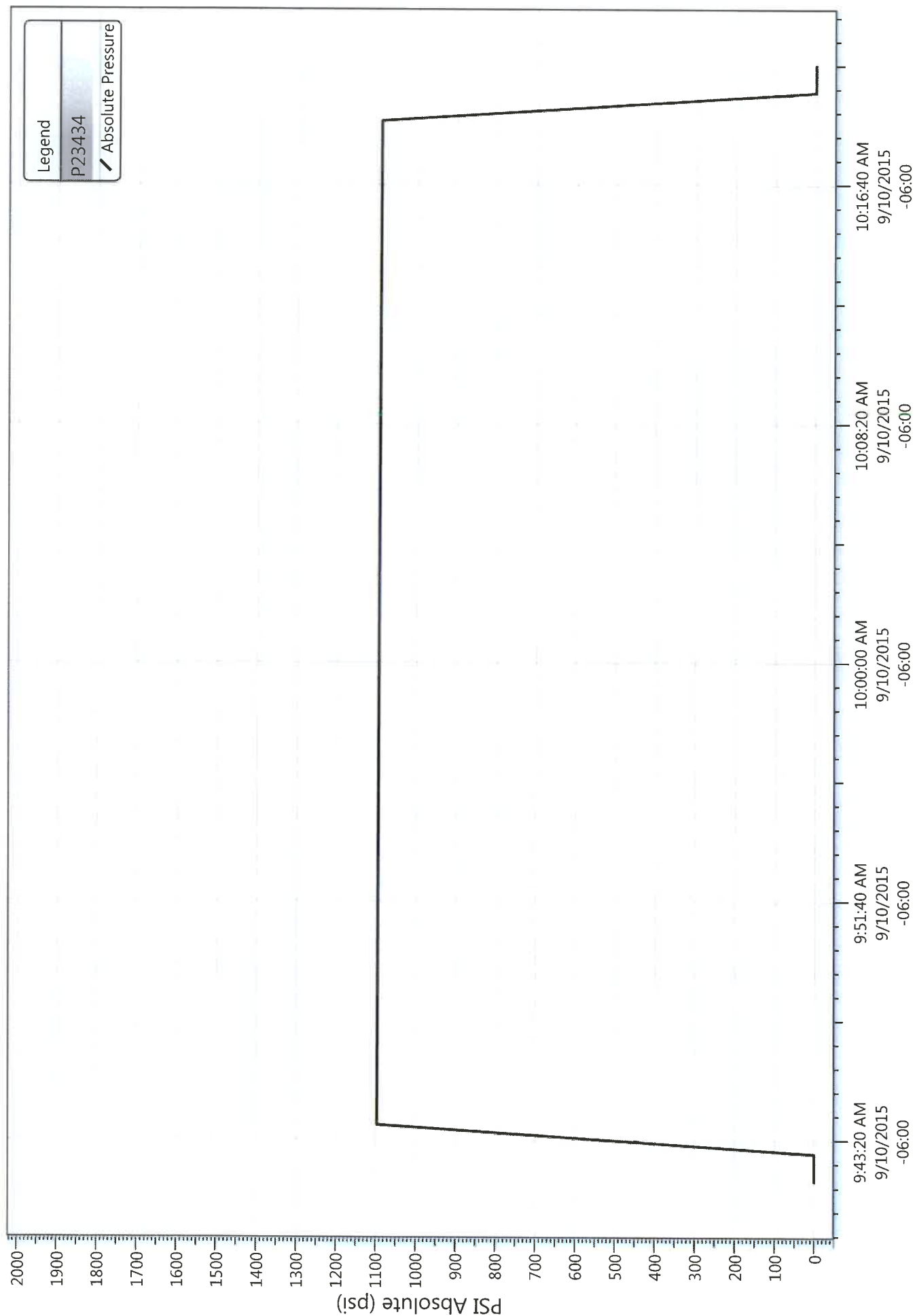
Result: Pass Fail

* Called Mark Jones, He couldn't make it and gave OK to do test.

Signature of Witness: _____

Signature of Person Conducting Test: Hal Richins

monument federal 31-8-9-16 (5 year m.i.t) 9-10-2015
9/10/2015 9:12:53 AM



Monument Federal 31-8-9-16

Spud Date: 1 15 97
Put on Production: 2 14 97
GL: 5838' KB: 5849'

Initial Production: 194 BOPD, 93 MCFD
23 BWPD

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 5 JTS
DEPTH LANDED: 256.20'
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sx Class "G" cmt, est 5 bbls to surface

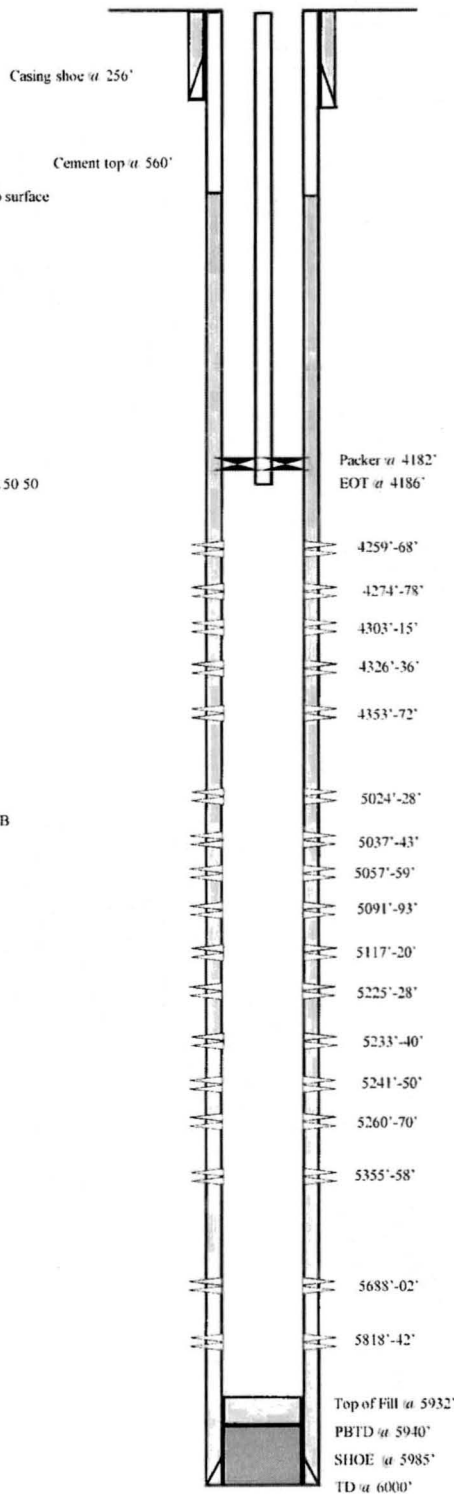
PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 143 jts (5974.92')
DEPTH LANDED: 5984.92'
HOLE SIZE: 7-7/8"
CEMENT DATA: 240 sxs Premium & 390 sxs Poz 50 50
CEMENT TOP AT: 560'

TUBING

SIZE GRADE WT: 2-7/8", J-55, 6.5#
NO. OF JOINTS: 134 jts (4167.5')
SEATING NIPPLE: 2-7/8"
SN LANDED AT: 4177.5' KB
CE @ 4181.88'
TOTAL STRING LENGTH: EOT @ 4186' w 10' KB

Injector Wellbore Diagram



FRAC JOB

1-28-97 5225'-5358' **Frac sand as follows:**
29,840# 20-40 sand + 69,160# 16 30 sand
in 642 bbls 2% KCL. ATP-2350 psi w avg
rate of 33.0 BPM. ISIP-4570 psi. Calc flush:
5225 gal. Actual flush: 5208 gal.

1-31-97 4259'-4372' **Frac sand as follows:**
162,000# 16 30 sand in 1076 bbl 2% KCL.
ATP-2150 psi w avg rate of 41.9 BPM.
ISIP-2450 psi. Calc flush: 5225 gal. Actual
flush: 5208 gal.

5 08 99 **Stuck pump.** Update rod details.

5 22 03 5688'-5842' **Frac CP.5 and #3 sands as follows:**
102,000# 20-40 sand in 507 bbls Viking I-25
fluid. Treated @ avg press of 3120 psi
w avg rate of 15.7 BPM. ISIP 1790 psi.
Calc flush: 1476 gal. Actual flush: 1344 gal.

5 22 03 5024'-5120' **Frac B and B2 sands as follows:**
58,600# 20-40 sand in 307 bbls Viking I-25
fluid. Treated @ avg press of 3027 psi
w avg rate of 15.4 BPM. ISIP 1830 psi.
Calc flush: 1322 gal. Actual flush: 1176 gal.

8 30 03 **Tubing Leak.** Update tbg and rod detail.

05 27 08 **Parted Rods -** updated tubing and rod detail

04 13 10 **Tubing Leak.** Update tbg and rod detail.

10 05 10 **Convert to Injection well**

10 07 10 **MIT completed -** tbg detail updated

PERFORATION RECORD

1-27-97	5225'-5228'	1 JSPF	3 holes
1-27-97	5233'-5240'	1 JSPF	7 holes
1-27-97	5241'-5250'	1 JSPF	9 holes
1-27-97	5260'-5270'	1 JSPF	10 holes
1-27-97	5355'-5358'	4 JSPF	12 holes
1-30-97	4259'-4268'	2 JSPF	18 holes
1-30-97	4274'-4278'	2 JSPF	8 holes
1-30-97	4303'-4315'	4 JSPF	48 holes
1-30-97	4326'-4336'	4 JSPF	40 holes
1-30-97	4353'-4372'	4 JSPF	76 holes
5 21 03	5818'-5842'	4 JSPF	96 holes
5 21 03	5688'-5702'	4 JSPF	56 holes
5 21 03	5117'-5120'	4 JSPF	12 holes
5 21 03	5091'-5093'	4 JSPF	8 holes
5 21 03	5057'-5059'	4 JSPF	8 holes
5 21 03	5037'-5043'	4 JSPF	24 holes
5 21 03	5024'-5028'	4 JSPF	16 holes

NEWFIELD

Monument Federal 31-8-9-16
520 FNL & 2076 FEL
NWNE Section 8-T9S-R16E
Duchesne Co, Utah
API #43-013-31721; Lease #UTU-020255

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-20255			
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: 7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)			
1. TYPE OF WELL Water Injection Well		8. WELL NAME and NUMBER: MON FED 31-8-9-16			
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		9. API NUMBER: 43013317210000			
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052		9. FIELD and POOL or WILDCAT: MONUMENT BUTTE			
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0520 FNL 2076 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNE Section: 08 Township: 09.0S Range: 16.0E Meridian: S		COUNTY: DUCHESNE STATE: UTAH			
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA					
TYPE OF SUBMISSION <input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 10/10/2016 <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	TYPE OF ACTION <table style="width: 100%; border: none;"> <tr> <td style="width: 33%; vertical-align: top;"> <input checked="" type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input type="text" value="Injection Isolation"/> </td> </tr> </table>		<input checked="" type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input type="text" value="Injection Isolation"/>
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12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. <div style="text-align: center;">See attached procedure.</div> <div style="text-align: right; margin-top: 20px;"> Approved by the October 18, 2016 Oil, Gas and Mining Date: _____ By: <u>Derek Quist</u> </div>					
NAME (PLEASE PRINT) Mandie Crozier		PHONE NUMBER 435 646-4825			
SIGNATURE N/A		TITLE Regulatory Tech DATE 10/10/2016			

Monument Federal 31-8-9-16

Procedure

- Release pkr, trip in hole to bottom perf, circulate acid to sit on all perms, flowback acid in morning
- Trip out of hole, redress pkr, trip in hole with pkr/tbg (no isolation of perms)
- MIT